

NEWFIELD



August 24, 2006

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill

Lone Tree Federal 2-21-9-17
Lone Tree Federal 3-21-9-17
Lone Tree Federal 4-21-9-17
Lone Tree Federal 5-21-9-17
Lone Tree Federal 6-21-9-17
Lone Tree Federal 7-21-9-17

Lone Tree Federal 8-21-9-17
Lone Tree Federal 9-21-9-17
Lone Tree Federal 11-21-9-17
Lone Tree Federal 12-21-9-17
Lone Tree Federal 13-21-9-17
Lone Tree Federal 16-21-9-17

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 12-21-9-17 and 13-21-9-17 are also Exception Locations. Our Land Department will send you the required Exception Location Letters. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED

AUG 25 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No.
UTU-13905

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA Agreement, Name and No.
Lone Tree

8. Lease Name and Well No.
Lone Tree Federal 13-21-9-17

9. API Well No.
43013-33283

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
SW/SW Sec. 21, T9S R17E

12. County or Parish
Duchesne

13. State
UT

1a. Type of Work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator
Newfield Production Company

3a. Address
Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)
(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements.)*
At surface SW/SW 556' FSL 415' FWL 583749X 40.010787
At proposed prod. zone 4429206Y -110.018755

14. Distance in miles and direction from nearest town or post office*
Approximately 17.0 miles southeast of Myton, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 415' f/lse, 415' f/unit

16. No. of Acres in lease
1200.00

17. Spacing Unit dedicated to this well
40 Acres

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1839'

19. Proposed Depth
5660'

20. BLM/BIA Bond No. on file
UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5389' GL

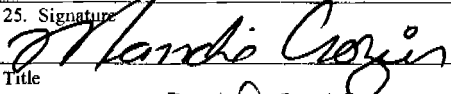
22. Approximate date work will start*
4th Quarter 2006

23. Estimated duration
Approximately seven (7) days from spud to rig release.


24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature  Name (Printed/Typed) Mandie Crozier Date 8/24/06

Title Regulatory Specialist

Approved by (Signature)  Name (Printed/Typed) BRADLEY G. HILL Date 10-23-06

Title Office ENVIRONMENTAL MANAGER

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Federal Approval of this
Action is Necessary

RECEIVED

AUG 25 2006

DIV. OF OIL, GAS & MINING

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SE)

NEWFIELD PRODUCTION COMPANY
LONE TREE FEDERAL #13-21-9-17
SW/SW SECTION 21, T9S, R17E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 2356'
Green River	2356'
Wasatch	5660'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2356' – 5660' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY
LONE TREE FEDERAL #13-21-9-17
SW/SW SECTION 21, T9S, R17E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Lone Tree Federal #13-21-9-17 located in the SW 1/4 SW 1/4 Section 21, T9S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 11.7 miles \pm to it's junction with an existing dirt road to the southwest; proceed southwesterly - 0.9 miles \pm to it's junction with an existing road to the south; proceed southeasterly - 2.0 miles \pm to it's junction with the beginning of the proposed access road to the southwest; proceed southwesterly and then southeasterly along the proposed access road - 0.75 miles \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Carlsbad Canyon.
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #04-206, 6/15/05. Paleontological Resource Survey prepared by, Wade E. Miller, 6/2/05. See attached report cover pages, Exhibit "D".

For the Lone Tree Federal #13-21-9-17 Newfield Production Company requests a 420' ROW be granted in Lease UTU-77369 and 3540' of disturbed area be granted in Lease UTU-13905 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests a 420' ROW be granted in Lease UTU-77369 and 3540' of disturbed area be granted in Lease UTU-13905 to allow for construction of the proposed gas lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests a 420' ROW be granted in Lease UTU-77369 and 3540' of disturbed area be granted in Lease UTU-13905 to allow for construction of the proposed water lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Exceptional Spacing

According to Rule R649-3-2, which governs the location of wells in the State of Utah, Newfield Production is required to request administrative approval for a location exception from all non-unitized lease interest owners within a 460-foot radius of the new proposed location. Our Land Department in Denver has been notified of this exception location and will submit the required Exception Location Letter to all affected lease interest owners.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the

produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Golden Eagle: Due to this proposed well access roads proximity (less than 0.5 mile) to an existing inactive golden eagle nest site, no new construction or surface disturbing activities will be allowed between March 1 and May 15. If the nest remains inactive on May 15th (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location between May 15 and March 1 of the following year. If the nest site becomes active prior to May 15, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Mountain Plover: If new construction or surface disturbing activities are scheduled to occur between May 1 and June 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. No new construction or surface disturbing activities will be allowed between March 15 and August 15 within a 0.5 mile radius of any documented mountain plover nest site.

Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Western Wheatgrass	<i>Pascopyrum Smithii</i>	6 lbs/acre
Galletta Grass	<i>Hilaria Jamesii</i>	6 lbs/acre

Details of the On-Site Inspection

The proposed Lone Tree Federal #13-21-9-17 was on-sited on 4/28/06. The following were present; Shon Mckinnon (Newfeild Production), Chris Carusona (Bureau of Land Management), and Brandon McDonald (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Shon Mckinnon
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #13-21-9-17 SW/SW Section 21, Township 9S, Range 17E: Lease UTU-13905 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by US Specialty Insurance #B001832.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

8/24/06

Date



Mandie Crozier

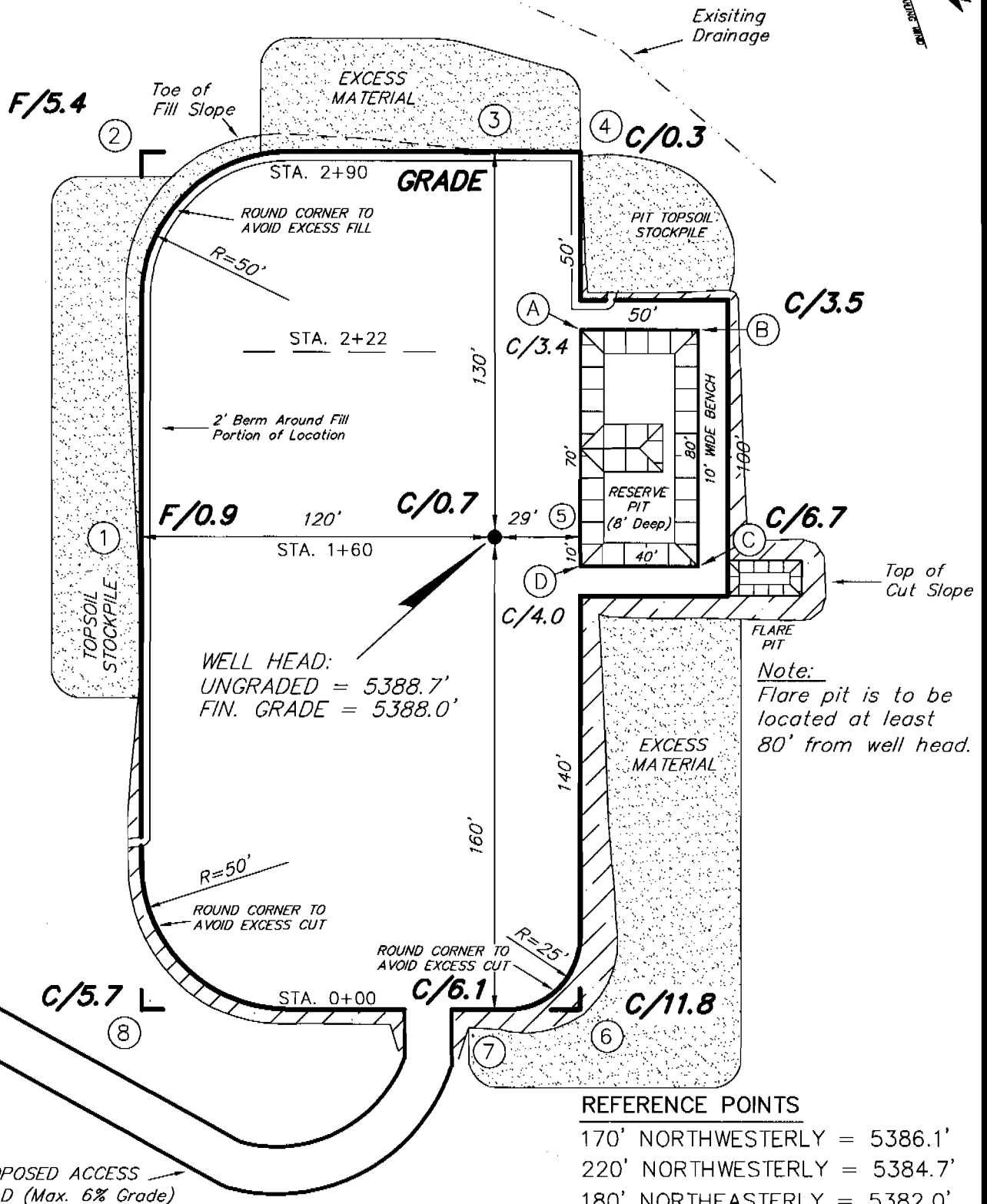
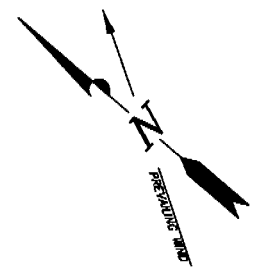
Regulatory Specialist

Newfield Production Company

NEWFIELD PRODUCTION COMPANY

LONE TREE 13-21-9-17

Section 21, T9S, R17E, S.L.B.&M.



REFERENCE POINTS

170' NORTHWESTERLY = 5386.1'
 220' NORTHWESTERLY = 5384.7'
 180' NORTHEASTERLY = 5382.0'
 230' NORTHEASTERLY = 5388.3'

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 05-10-06

Tri State
 Land Surveying, Inc.

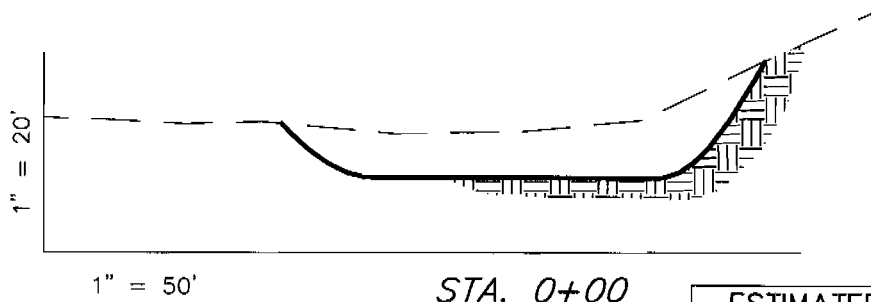
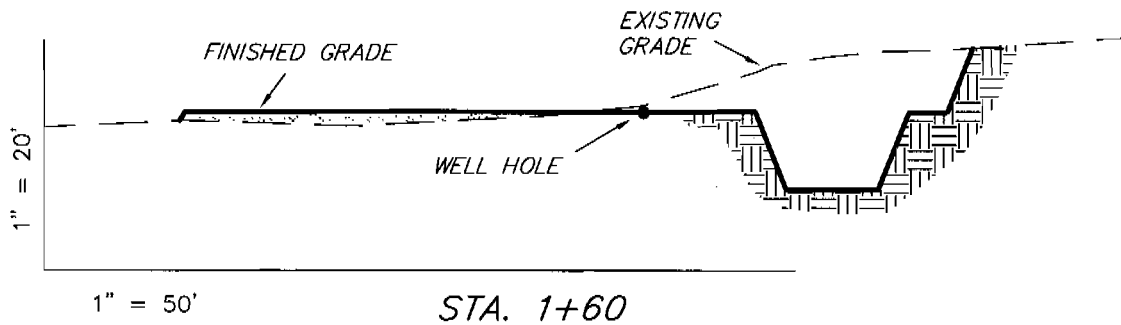
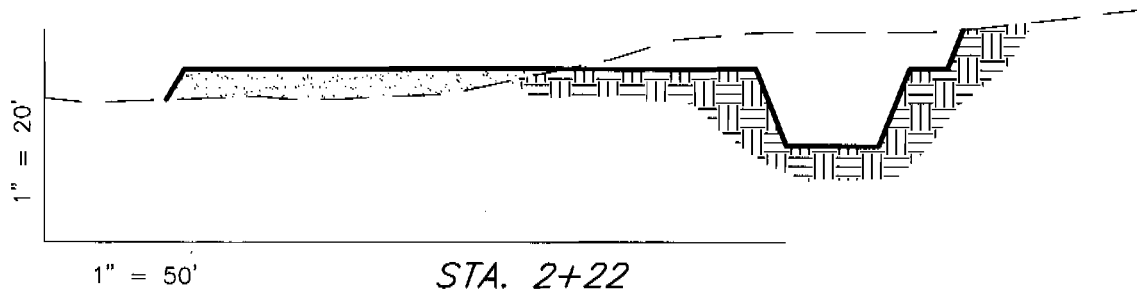
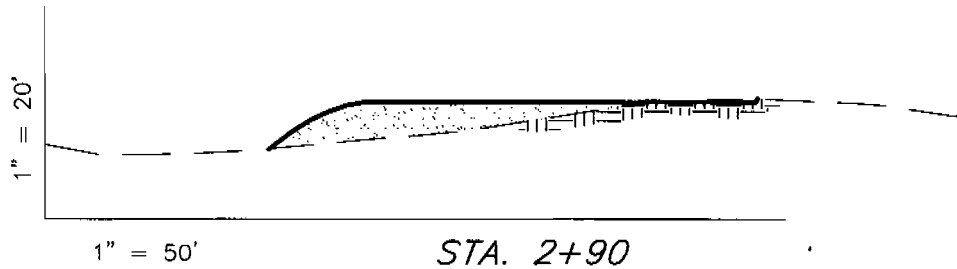
(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

LONE TREE 13-21-9-17



NOTE:
UNLESS OTHERWISE NOTED
ALL CUT/FILL SLOPES ARE
AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	3,580	1,580	Topsoil is not included in Pad Cut	2,000
PIT	640	0		640
TOTALS	4,220	1,580	970	2,640

SURVEYED BY: C.M.

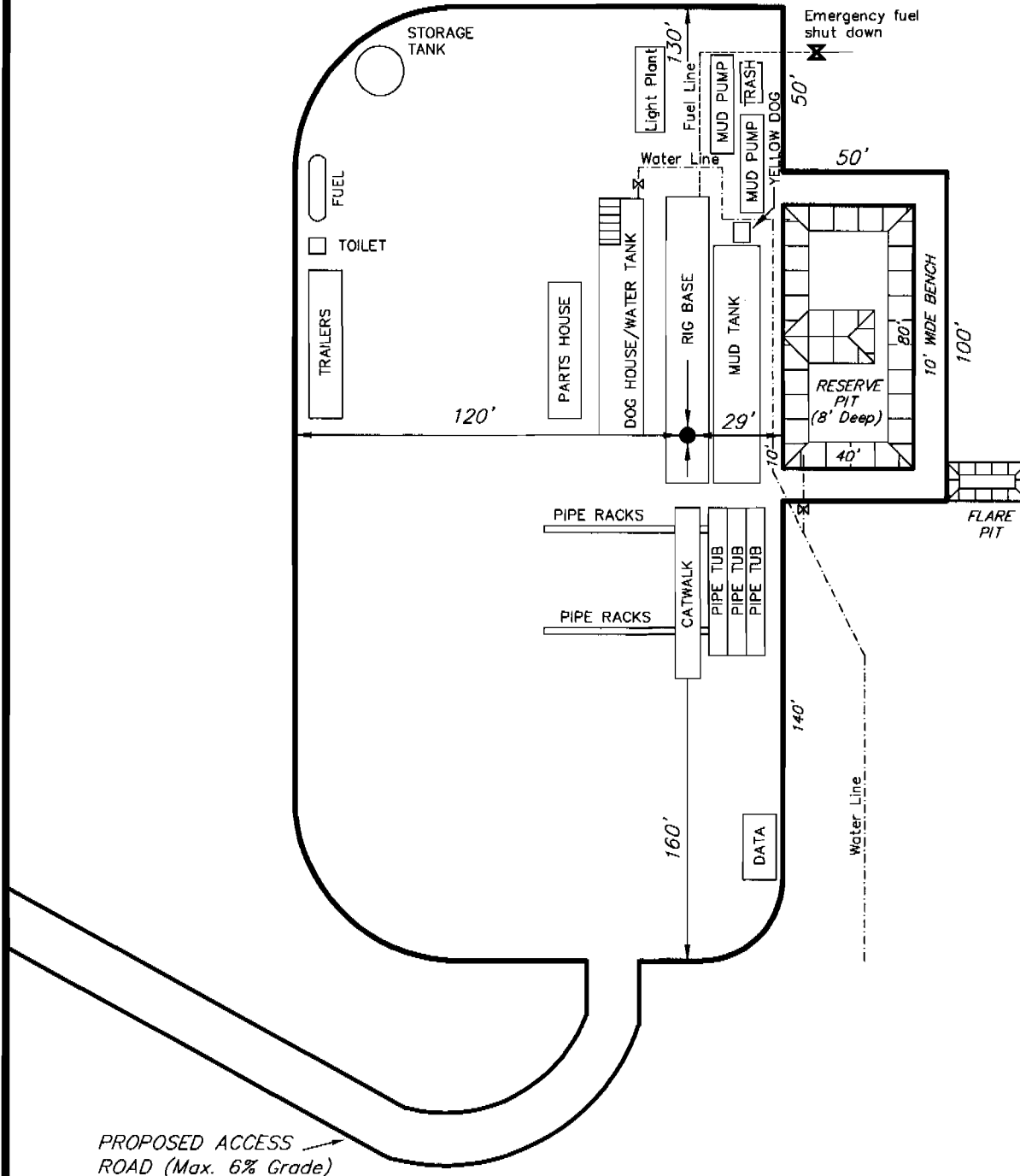
SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 05-10-06

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

NEWFIELD PRODUCTION COMPANY
TYPICAL RIG LAYOUT
LONE TREE 13-21-9-17



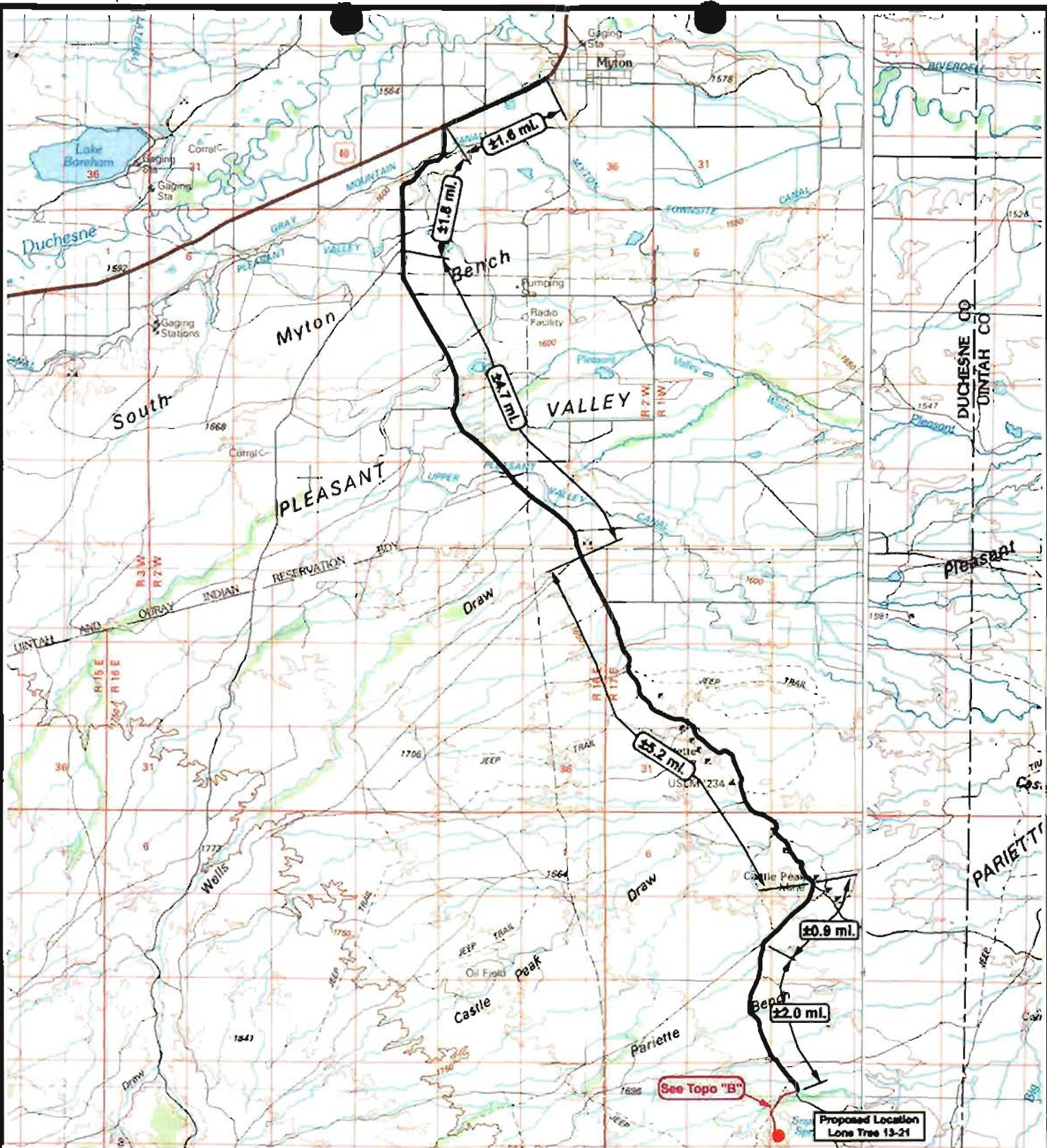
SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

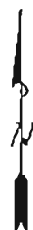
DATE: 05-10-06

Tri State
Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078
 (435) 781-2501



NEWFIELD
Exploration Company

Lone Tree 13-21-9-17
SEC. 21, T9S, R17E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vermont Ave. Vernal, Utah 84078

SCALE: 1 = 100,000

DRAWN BY: mw

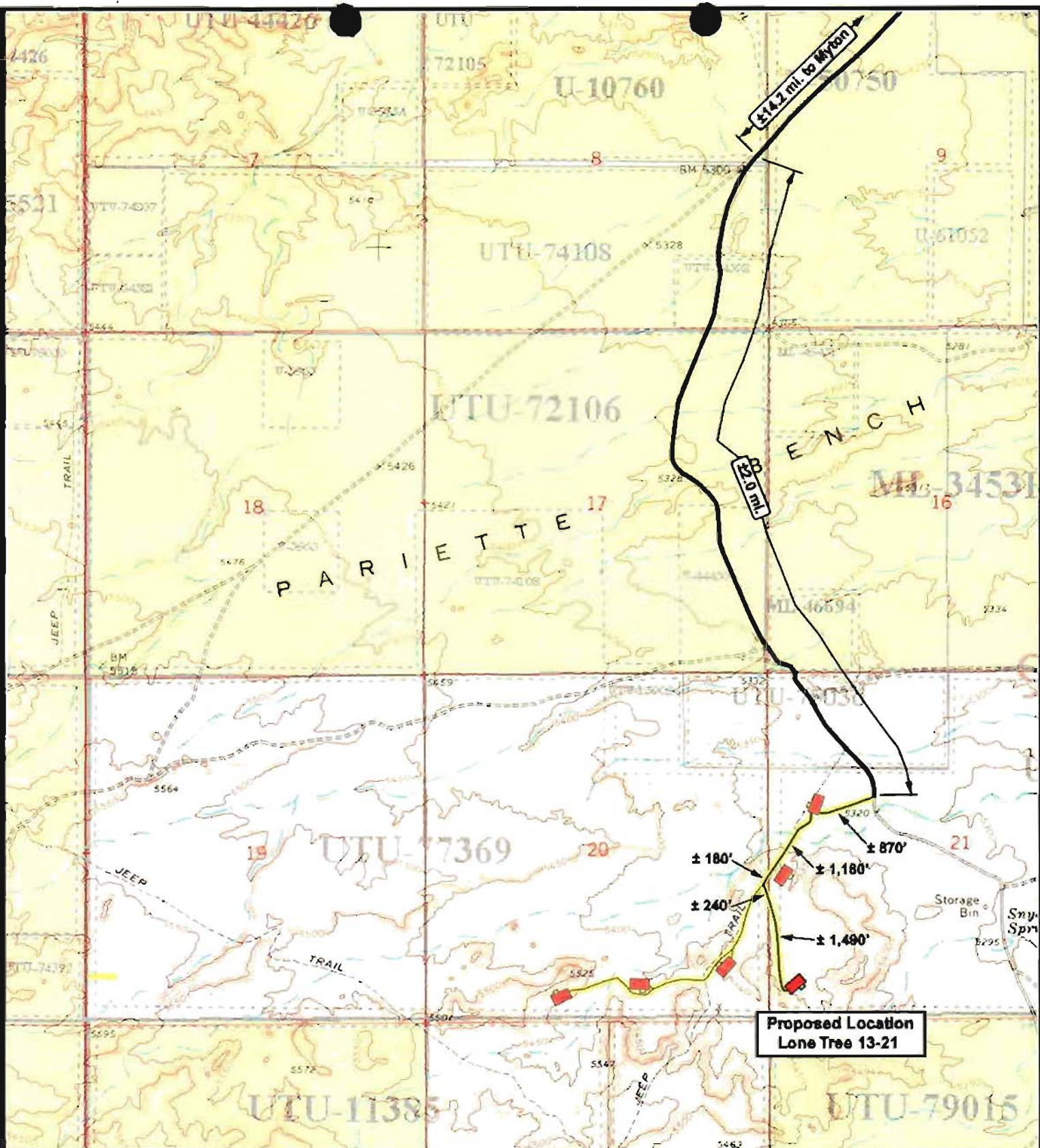
DATE: 05-11-2006

Legend

- Existing Road
- Proposed Access

TOPOGRAPHIC MAP

"A"



NEWFIELD
Exploration Company

Lone Tree 13-21-9-17
SEC. 21, T9S, R17E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

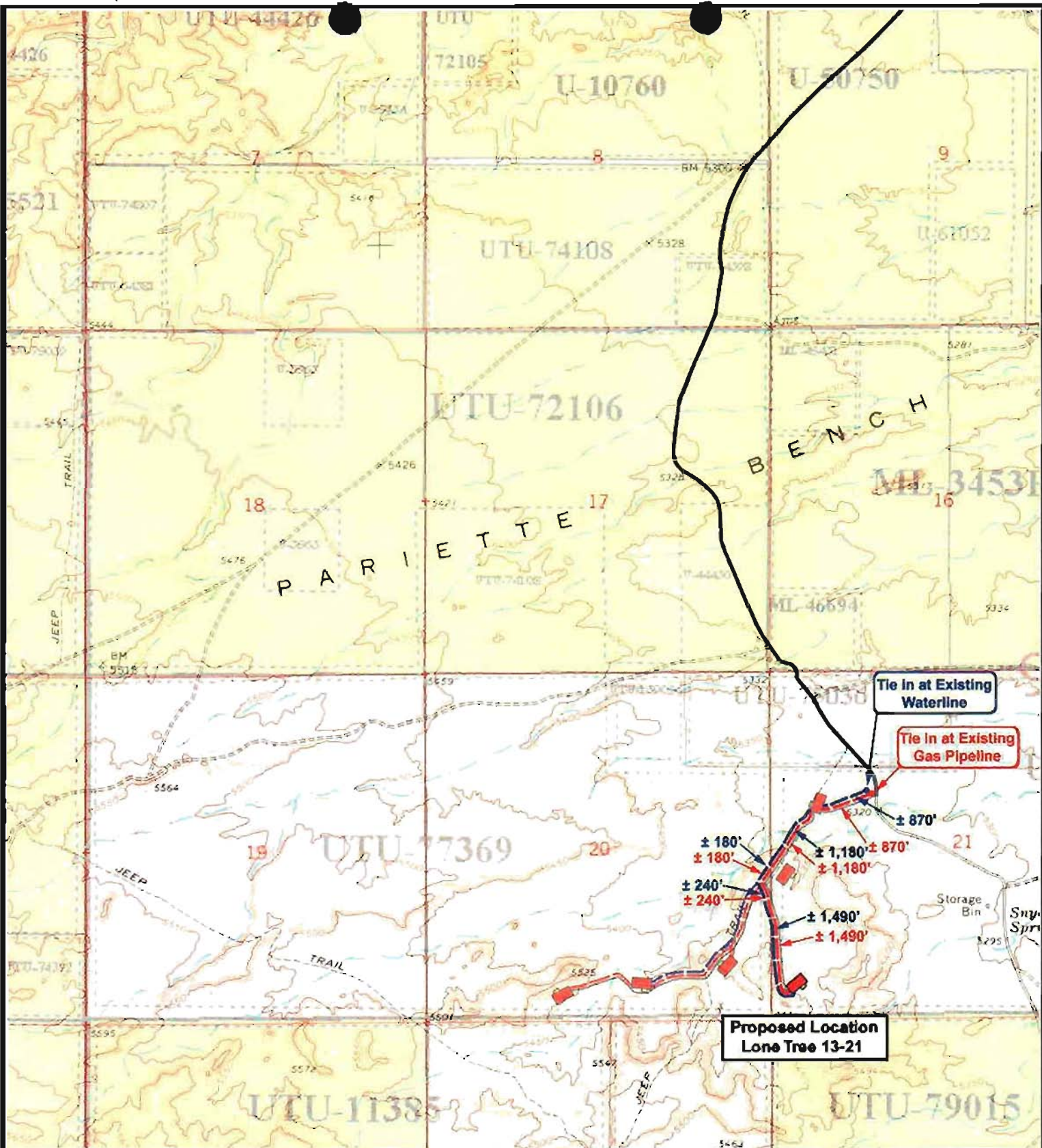
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DRAWN BY: mw
DATE: 05-12-2006

Legend

Existing Road
 Proposed Access

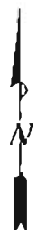
TOPOGRAPHIC MAP

"B"



NEWFIELD
Exploration Company

Lone Tree 13-21-9-17
SEC. 21, T9S, R17E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

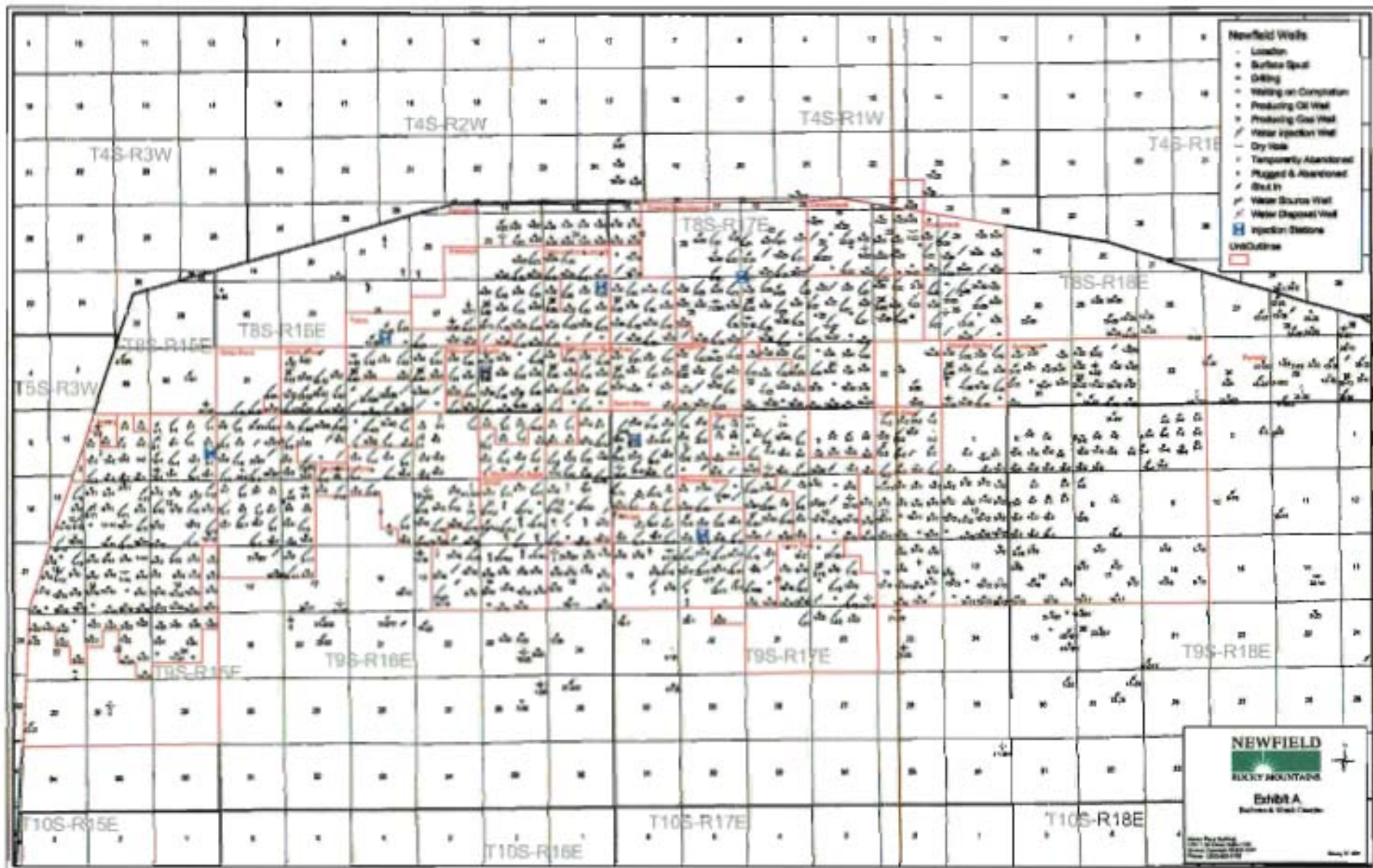
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DATE: 05-12-2006

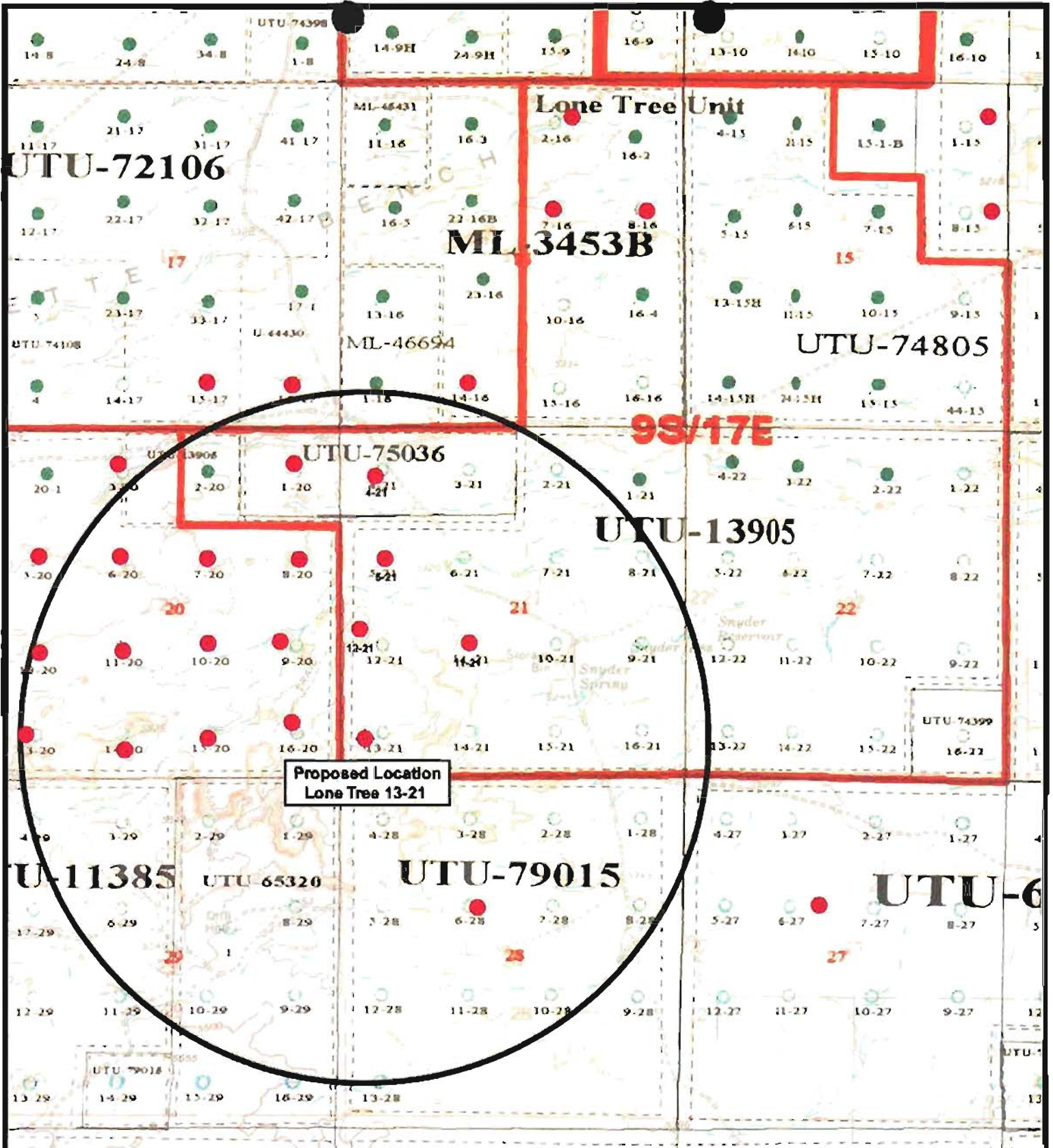
Legend

- Roads
- Proposed Gas Line
- Proposed Water Line


TOPOGRAPHIC MAP

"C"






Proposed Location
Lone Tree 13-21



NEWFIELD
Exploration Company

Lone Tree 13-21-9-17
SEC. 21, T9S, R17E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave., Vernal, Utah 84078

SCALE: 1" = 2,000'

DRAWN BY: mw

DATE: 05-12-2006

Legend

● Location

○ One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

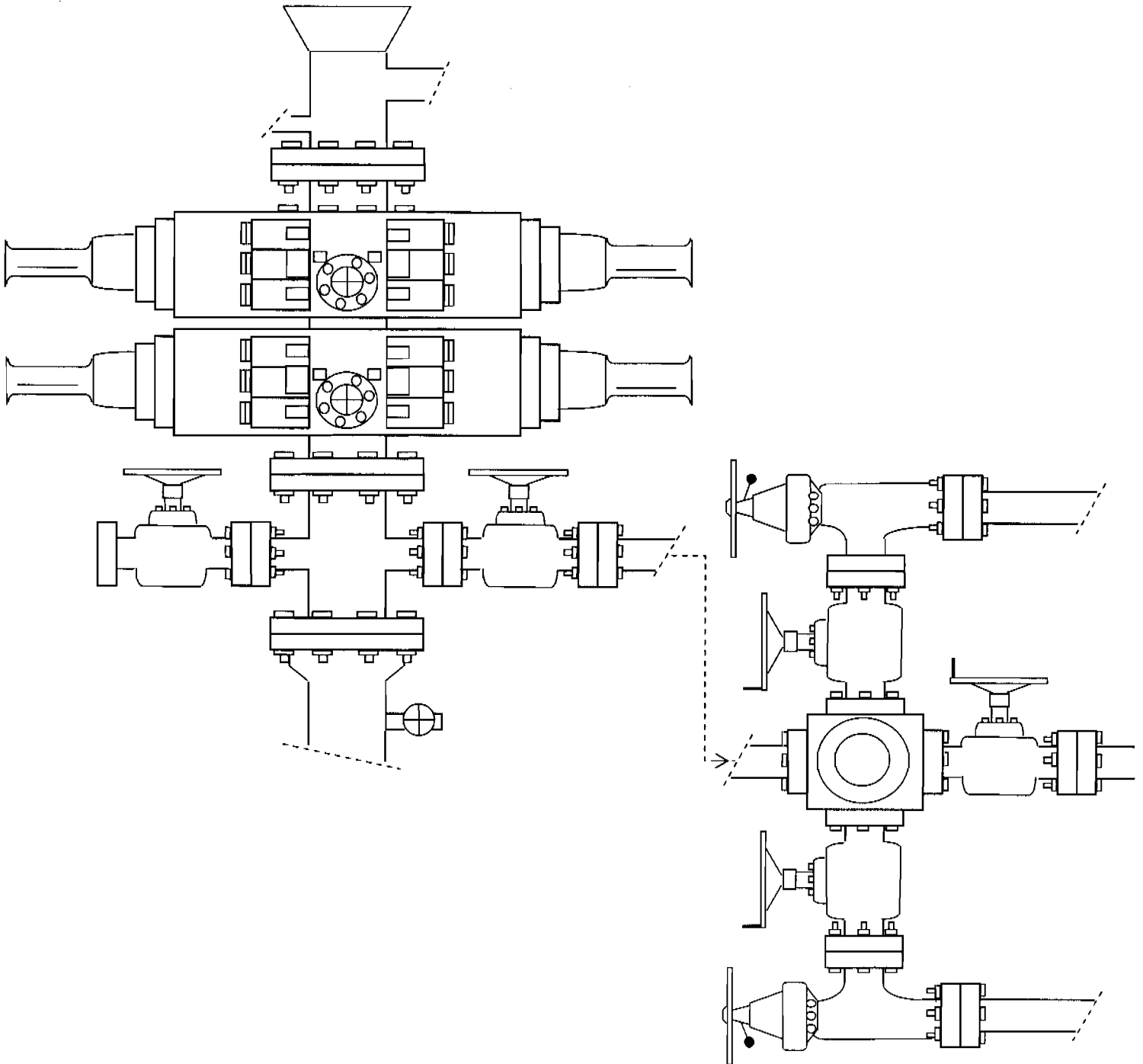


EXHIBIT C

Exhibit "D"

1 of 2

**CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S BLOCK PARCELS
IN T9S, R17E, SEC. 19, 20, 21 & 22
DUCHESNE COUNTY, UTAH**

Katie Simon

Prepared For:

**Bureau of Land Management
Vernal Field Office**

Prepared Under Contract With:

**Newfield Exploration Company
Route 3 Box 3630
Myton, Utah 84052**

Prepared By:

**Montgomery Archaeological Consultants
P.O. Box 147
Moab, Utah 84532**

MOAC Report No. 04-206

June 15, 2005

**United States Department of Interior (FLPMA)
Permit No. 05-UT-60122**

**State of Utah Antiquities Project (Survey)
Permit No. U-05-MQ-0516b**

252

NEWFIELD PRODUCTION COMPANY

**PALEONTOLOGICAL SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE COUNTY, UTAH**

Section 20, T 9 S, R 17 E [entire section excluding the NE 1/4, NE 1/4; NW 1/4, NE 1/4; NE 1/4, NW 1/4; and NW 1/4, NW 1/4]; Section 21, T 9 S, R 17 E [entire section excluding the NE 1/4, NE 1/4], and Section 3, T 9 S, R 16 E, the following parcels [NW 1/4, NE 1/4; SW 1/4, NE 1/4; SE 1/4, NE 1/4; NE 1/4, SE 1/4; NW 1/4, SE 1/4; SW 1/4, SE 1/4 and SE 1/4, SE 1/4].

REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
June 2, 2005

Newfield Production Company

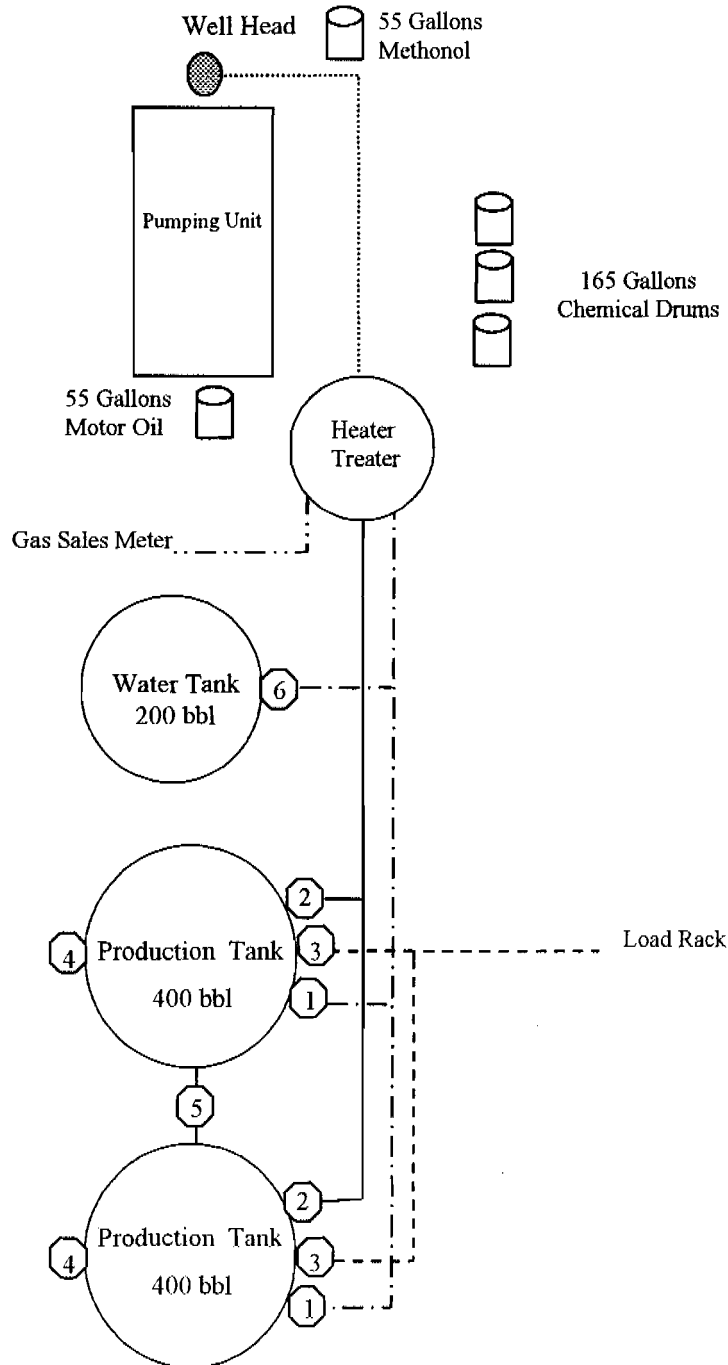
Proposed Site Facility Diagram

Lone Tree Federal 13-21-9-17

SW/SW Sec. 21, T9S, 17E

Duchesne County, Utah

UTU-13905



Legend

Emulsion Line
Load Rack	-----
Water Line	- . - . - .
Gas Sales	- . . - . - .
Oil Line	—————

Production Phase:

- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5, and 6 sealed open

Sales Phase:

- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

Draining Phase:

- 1) Valves 1 and 6 open

Diked Section



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/25/2006

API NO. ASSIGNED: 43-013-33283

WELL NAME: LONE TREE FED 13-21-9-17

OPERATOR: NEWFIELD PRODUCTION (N2695)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWSW 21 090S 170E

SURFACE: 0556 FSL 0415 FWL

BOTTOM: 0556 FSL 0415 FWL

COUNTY: DUCHESNE

LATITUDE: 40.01079 LONGITUDE: -110.0188

UTM SURF EASTINGS: 583749 NORTHINGS: 4429206

FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /

Tech Review

Initials

Date

Engineering

Geology

Surface

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-13905

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB000192)

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit

(No. MUNICIPAL)

☒ RDCC Review (Y/N)

(Date: _____)

☒ Fee Surf Agreement (Y/N)

☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

R649-2-3.

Unit: LONE TREE (GREEN RIVER)

R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

☒ R649-3-3. Exception

☒ Drilling Unit

Board Cause No: 228.5

Eff Date: 8-26-1998

Siting: Suspension of Siting

R649-3-11. Directional Drill

COMMENTS:

See Separate File

STIPULATIONS:

1- Being Approved

T9S R17E

LONE TREE FED
4-21-97 ②

LONE TREE FED
7-20-97 ②

LONE TREE FED
2-20-97 ②

PLEASANT VALLEY FED 1-01

LONE TREE FED
5-21-97 ②

LONE TREE FED
6-20-97 ②

LONE TREE FED
7-21-97 ②

LONE TREE FED
8-21-97 ②

LONE TREE FED
12-21-97 ②

LONE TREE FED
8-21-97 ②

MGC FEDERAL
8-21-97

LONE TREE FED
9-21-97 ②

MONUMENT BUTTE FIELD LONE TREE (GR) UNIT

CAUSE: 228-5 / 8-26-1998

LONE TREE FED
10-21-97 ②

LONE TREE FED
10-21-97 ②

OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 21 T.9S R.17E

FIELD: MONUMENT BUTTE (105)

COUNTY: UTAH

CAUSE: 228-5 / 8-26-1998

Field Status
 [] ABANDONED
 [] ACTIVE
 [] COMBINED
 [] INACTIVE
 [] PROPOSED
 [] STORAGE
 [] TERMINATED

Unit Status
 [] EXPLORATORY
 [] GAS STORAGE
 [] NF PP OIL
 [] NF SECONDARY
 [] PENDING
 [] PI OIL
 [] PP GAS
 [] PP GEOTHERMAL
 [] PP OIL
 [] SECONDARY
 [] TERMINATED

Wells Status
 [] GAS INJECTION
 [] GAS STORAGE
 [] LOCATION ABANDONED
 [] NEW LOCATION
 [] PLUGGED & ABANDONED
 [] PRODUCING GAS
 [] PRODUCING OIL
 [] SHUT-IN GAS
 [] SHUT-IN OIL
 [] TEMP. ABANDONED
 [] TEST WELL
 [] WATER INJECTION
 [] WATER SUPPLY
 [] WATER DISPOSAL
 [] DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 25-AUGUST-2006

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160
(UT-922)

August 29, 2006

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2006 Plan of Development Lone Tree Unit, Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2006 within the Lone Tree Unit, Duchesne County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-33281	Lone Tree Fed	2-21-9-17 Sec 21 T09S R17E 0578 FNL 1943 FEL
43-013-33282	Lone Tree Fed	16-21-9-17 Sec 21 T09S R17E 0683 FSL 0668 FEL
43-013-33283	Lone Tree Fed	13-21-9-17 Sec 21 T09S R17E 0556 FSL 0415 FWL
43-013-33284	Lone Tree Fed	12-21-9-17 Sec 21 T09S R17E 2232 FSL 0252 FWL
43-013-33285	Lone Tree Fed	11-21-9-17 Sec 21 T09S R17E 1911 FSL 2156 FWL
43-013-33286	Lone Tree Fed	9-21-9-17 Sec 21 T09S R17E 1809 FSL 0560 FEL
43-013-33287	Lone Tree Fed	8-21-9-17 Sec 21 T09S R17E 2081 FNL 0827 FEL
43-013-33288	Lone Tree Fed	7-21-9-17 Sec 21 T09S R17E 2132 FNL 1941 FEL
43-013-33289	Lone Tree Fed	6-21-9-17 Sec 21 T09S R17E 1832 FNL 2002 FWL
43-013-33290	Lone Tree Fed	5-21-9-17 Sec 21 T09S R17E 1975 FNL 0658 FWL
43-013-33291	Lone Tree Fed	4-21-9-17 Sec 21 T09S R17E 0701 FNL 0557 FWL
43-013-33292	Lone Tree Fed	3-21-9-17 Sec 21 T09S R17E 0799 FNL 1965 FWL

Our records indicate the 13-21-9-17 and the 12-21-9-17 are closer than 460 feet from the Lone Tree Unit boundary.

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File – Lone Tree Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron



October 18, 2006

Utah Division of Oil, Gas & Mining
P.O. Box 145801
Attn: Diana Whitney
Salt Lake City, Utah 84114-5801

RE: Exception Locations
Lone Tree Fed 12-21-9-17
2232' FSL, 252' FWL
NWSW Sec. 21-9S-17E
Lone Tree Fed 13-21-9-17
556' FSL, 415' FWL
SWSW Sec. 21-9S-17E
Duchesne County, UT

Dear Ms. Whitney:

Pursuant to Rule R649-3-3 of the Oil & Gas Rules and Regulations of the State of Utah, Newfield Production Company hereby requests exception locations for the drilling of the captioned wells. Rule R649-3-2 requires a well to be located in the center of a forty (40) acre quarter-quarter section, or a substantially equivalent lot or tract, with a tolerance of two hundred (200) feet in any direction from the center.

The above referenced locations are exception locations under Rule 649-3-2. The Lone Tree Federal 12-21-9-17 is 207' west and 47' north of the drilling window tolerance for the NWSW of Sec. 21-T9S-R17E. The Lone Tree Federal 13-21-9-17 is 45' west of the drilling window tolerance for the SWSW of Sec. 21-T9S-R17E. The attached plats depict the proposed drillsite locations and illustrate the deviation from the drilling windows, in accordance with Rule R649-3-2. The requested locations have been selected due to the terrain.

Please note the locations are completely within Federal lease UTU-13905. The drillsite lease and all surrounding acreage within a four hundred sixty foot (460') radius of the proposed locations is owned by Newfield Production Company, Yates Petroleum Corporation, Yates Drilling Company, Myco Industries, Inc., Abo Petroleum Corporation, O. F. Duffield and Sue Ann Duffield. We have contacted these owners and their consents to these locations are attached.

RECEIVED

OCT 23 2006

DIV. OF OIL, GAS & MINING

October 18, 2006
Page Two

If you have any questions or need additional information please contact me at (303) 382-4479. Thank you for your assistance in this matter.

Sincerely,

A handwritten signature in cursive script that reads "Rhonda Deimer".

Rhonda Deimer
Land Associate

Fax to: 303-893-0103
Newfield Production Company
Attn: Rhonda Deimer

Exception Locations
Lone Tree Federal 13-21-9-17
Lone Tree Federal 12-21-9-17
Section 21-9S-17E
Duchesne County, Utah

Please be advised that O. F. Duffield and Sue Ann Duffield do not have an objection to the proposed locations of the aforementioned wells.

By: Sue Ann Duffield
Sue Ann Duffield
Print Name

Date: 10/15/2006

By: O. F. Duffield
O. F. Duffield
Print Name

Date: 10/15/2006

Fax to: 303-893-0103
Newfield Production Company
Attn: Rhonda Deimer

Exception Locations
Lone Tree Federal 13-21-9-17
Lone Tree Federal 12-21-9-17
Section 21-9S-17E
Duchesne County, Utah

Please be advised that Yates Petroleum Corporation, Yates Drilling Company, Myco Industries, Inc. and Abo Petroleum Corporation do not have an objection to the proposed locations of the aforementioned wells.

By: *Ernest L. Carroll*

Date: Oct 3 2006

ERNEST L. CARROLL Senior Landman
Print Name and Title



State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

October 23, 2006

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Lone Tree Federal 13-21-9-17 Well, 556' FSL, 415' FWL, SW SW, Sec. 21,
T. 9 South, R. 17 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33283.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Newfield Production Company
Well Name & Number Lone Tree Federal 13-21-9-17
API Number: 43-013-33283
Lease: UTU-13905

Location: SW SW Sec. 21 T. 9 South R. 17 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

RECEIVED
AUG 25 2006
ELM VERNAL, UTAH

Form 3160-3
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

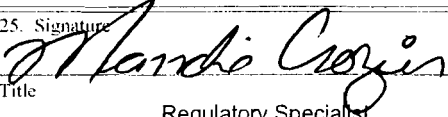
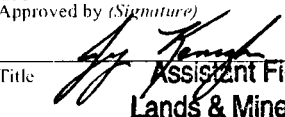
5. Lease Serial No. UTU-13905
6. If Indian, Allottee or Tribe Name N/A
7. If Unit or CA Agreement, Name and No. Lone Tree
8. Lease Name and Well No. Lone Tree Federal 13-21-9-17
9. API Well No. 43-013-33283
10. Field and Pool, or Exploratory Monument Butte
11. Sec., T., R., M., or Blk. and Survey or Area SW/SW Sec. 21, T9S R17E
12. County or Parish Duchesne
13. State UT

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone
2. Name of Operator Newfield Production Company
3a. Address Route #3 Box 3630, Myton UT 84052
3b. Phone No. (include area code) (435) 646-3721
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/SW 556' FSL 415' FWL At proposed prod. zone
14. Distance in miles and direction from nearest town or post office* Approximately 17.0 miles southeast of Myton, Utah
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 415' f/lease, 415' f/unit
16. No. of Acres in lease 1200.00
17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1839'
19. Proposed Depth 5660'
20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5389' GL
22. Approximate date work will start* 4th Quarter 2006
23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature  Title Regulatory Specialist	Name (Printed/Typed) Mandie Crozier	Date 8/24/06
Approved by (Signature)  Title Assistant Field Manager Lands & Mineral Resources	Name (Printed/Typed) Jerr Kenehan Office VERNAL FIELD OFFICE	Date 3-30-2007

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED

APR 09 2007

NOTICE OF APPROVAL

DIV. OF OIL, GAS & MINING

UDOGM

07CX50062A

No NOS

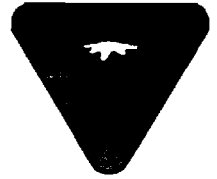


UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Lone Tree Federal 13-21-9-17
API No: 43-013-33283

Location: SWSW, Sec. 21, T9S, R17E
Lease No: UTU-13905
Agreement: Lone Tree Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Paul Buhler	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:	Melissa Hawk	(435) 781-4476	(435) 828-7381
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	

Fax: (435) 781-4410

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

**SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

General Surface COA

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A report will be prepared by a BLM permitted paleontologist and submitted to the AO at the completion of surface disturbing activities.

LEASE STIPULATIONS AND NOTICES:

- Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.
- Lands in this lease have been identified as containing Golden Eagle and Mountain Plover habitat. Modifications to the Surface Use Plan of Operations may be required in order to protect the Golden Eagle and Mountain Plover habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
- Timing Limitations (for construction and drilling):
 - **Feb 1 through July 15** – in order to protect Golden Eagle nesting season,
 - **May 15 through June 15** – in order to protect Mountain Plover habitat

CONDITIONS OF APPROVAL:

- This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc.*, signed August 24, 2005. If the well has not been spudded by August 24, 2010, a new environmental document will have to be prepared prior to the approval of the APD.
- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment.

If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.

- The access road will be crowned and ditched. Flat-bladed roads are not allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If paleontologic or cultural materials are uncovered during construction, the operator shall immediately stop work that might further disturb or move such materials and contact the Authorized Officer (AO) within 48 hours. A determination will be made by the AO as to necessary mitigation for the discovered paleontologic/cultural material.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- The following seed mix (PLS formula) will be used for interim reclamation (topsoil stockpile, and reserve pit)

Western Wheatgrass (<i>Pascopyrum smithii</i>)	6lbs/acre
Galleta Grass (<i>Hilaria jamesii</i>)	6lbs/acre

 - Rates are set for drill seeding; double the rate if broadcasting.
 - Reseeding may be required if initial seeding is not successful.
- The operator will be responsible for treatment and control of invasive and noxious weeds.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast

method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.

- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- None.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

RECEIVED
OCT 03 2007

DIV. OF OIL, GAS & MINING

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

556 FSL 415 FWL SW/SW Section 21, T9S R17E

5. Lease Designation and Serial No.

UTU-13905

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

LONE TREE

Well Name and No.

LONE TREE FEDERAL 13-21-9-17

9. API Well No.

43-013-33283

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT.

12. **CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Permit Extension**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 10/23/06 (expiration 10/23/07).

This APD is not yet due to expire with the BLM.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 10-10-07

By: [Signature]

COPY SENT TO OPERATOR
Date: 10-11-07
Initials: RM

14. I hereby certify that the foregoing is true and correct

Signed

[Signature]
Mandie Crozier

Title

Regulatory Specialist

Date

10/4/2007

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-013-33283
Well Name: Lone Tree Federal 13-21-9-17
Location: SW/SW Section 21, T9S R17E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 10/23/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☒ No ☐

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

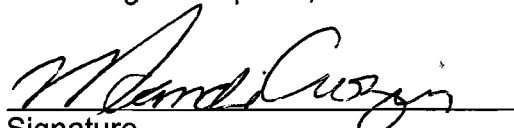
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐


Signature

10/4/2007

Date

Title: Regulatory Specialist

Representing: Newfield Production Company

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

5. Lease Serial No.

USA UTU-13905

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

LONE TREE UNIT

8. Well Name and No.

LONE TREE FEDERAL 13-21-9-17

9. API Well No.

4301333283

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

556 FSL 415 FWL

SWSW Section 21 T9S R17E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 11-09-07 MIRU NDSI spud rig #1. Drill 310' of 12 1/4" hole with air mist. TIH W/7 Jt's 8 5/8" J-55 24# csgn. Set @ 312.17'/KB.
On 11-11-07 Cement with 160 sks of Class "G" w/ 2% CaCL+ 1/4# Cello Flake. Mixed @ 15.8 ppg> 1.17 cf/sk yeild. Returned 6 bbls cement to pit.

I hereby certify that the foregoing is true and
correct (Printed/ Typed)

Ray Herrera

Signature

Ray Herrera

Title

Drilling Foreman

Date

11/14/2007

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or
certify that the applicant holds legal or equitable title to those rights in the subject lease
which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United
States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

NOV 15 2007

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 312.17

LAST CASING 8 5/8" SET AT 312.17'
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 310' LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR NewField Production Company
 WELL Federal 13-21-9-17
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NSDI NS #1

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH	
		Shoe Joint 36.30'						
		WHI - 92 csg head			8rd	A	0.95	
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	300.32	
		GUIDE shoe			8rd	A	0.9	
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			302.17	
TOTAL LENGTH OF STRING		302.17	7	LESS CUT OFF PIECE			2	
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12	
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			312.17	
TOTAL		300.32	7	} COMPARE				
TOTAL CSG. DEL. (W/O THRDS)		303.8	7					
TIMING		1ST STAGE						
BEGIN RUN CSG.		Spud	11/9/2007	2:30 PM	GOOD CIRC THRU JOB			Yes
CSG. IN HOLE			11/10/2007	10:00AM	Bbls CMT CIRC TO SURFACE			6
BEGIN CIRC			11/11/2007	11:09 AM	RECIPROCATED PIPE FOR			THRU FT STROKE
BEGIN PUMP CMT			11/11/2007	11:22 AM				N/A
BEGIN DSPL. CMT			11/11/2007	11:35 AM	BUMPED PLUG TO			640 PSI
PLUG DOWN			11/11/2007	11:45 AM				
CEMENT USED		7 CEMENT COMPANY- B. J.						
STAGE	# SX	CEMENT TYPE & ADDITIVES						
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield						
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING					
Centralizers - Middle first, top second & third for 3								

COMPANY REPRESENTATIVE Ray Herrera DATE 11/14/2007

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR: **NEWFIELD PRODUCTION COMPANY**
ADDRESS: **RT. 3 BOX 3838**
MYTON, UT 84052

OPERATOR ACCT. NO. **N2695**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
B	99999	12417	4301333284	LONE TREE FED 12-21-9-17	NWSW	21	9S	17	DUCHESNE	11/8/2007	11/26/07
WELL 1 COMMENTS: <i>GRUV</i>											
B	99999	12417	4301333283	LONE TREE FED 13-21-9-17	SWSW	21	9S	17E	DUCHESNE	11/9/2007	11/26/07
WELL 2 COMMENTS: <i>GRUV</i>											
B	99999	12417	4301333308	LONE TREE FED 11-22-9-17	NESW	22	9S	17E	DUCHESNE	11/12/2007	11/26/07
WELL 3 COMMENTS: <i>GRUV</i>											
A	99999	16508	4301333183	FEDERAL 16-23-9-16	SESE	23	9S	16E	DUCHESNE	11/13/2007	11/26/07
WELL 4 COMMENTS: <i>GRUV</i>											
WELL 5 COMMENTS:											
WELL 6 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

[Signature]
Signature
Jenri Park
Production Clerk
11/15/07
Date

NOV 15 2007

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUBMIT IN TRIPLICATE - Other Instructions on Reverse side

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
556 FSL 415 FWL
SWSW Section 21 T9S R17E

5. Lease Serial No.

USA UTU-13905

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
LONE TREE UNIT

8. Well Name and No.
LONE TREE FEDERAL 13-21-9-17

9. API Well No.
4301333283

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report _____
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 11/14/07 MIRU Patterson Rig # 52. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 275'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5600. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 143 jt's of 5.5 J-55, 15.5# csgn. Set @ 5588.87' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.49 yld. Then 400 sks cement mixed @ 14.4 ppg & 1.24 yld. With 32 bbls cement returned to pit. Nipple down Bop's. Drop slips @94,000 #'s tension. Release rig 9:00 AM 11/27/07

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Alvin Nielsen

Signature

Title

Drilling Foreman

Date

11/28/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

NOV 30 2007

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5588.87

Flt cllr @ 5550'

LAST CASING 8 5/8" Set @ 312.17'

OPERATOR Newfield F

DATUM 12' KB

WELL Federal 13-21-9-17

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE _____

CONTRACTOR & RIG # NDSI #3

TD DRILLER 5600' Loggers 5603'

HOLE SIZE 7 7/8"

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 3829"/6.30'					
143	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5537.46
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	38.16
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5590.87
TOTAL LENGTH OF STRING		5590.87	144	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		233.47	6	CASING SET DEPTH			5588.87
TOTAL		5809.09	150	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		5809.09	150				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		11/26/2007	6:00 PM	GOOD CIRC THRU JOB <u>YES</u>			
CSG. IN HOLE		11/26/2007	10:00 PM	Bbls CMT CIRC TO SURFACE <u>32</u>			
BEGIN CIRC		11/26/2007	10:00 PM	RECIPROCATED PIPE FOR <u>THRUSTROKE NA</u>			
BEGIN PUMP CMT		11/27/2007	1:12 AM	DID BACK PRES. VALVE HOLD ? <u>YES</u>			
BEGIN DSPL. CMT		11/27/2007	2:06 AM	BUMPED PLUG TO <u>1994</u> PSI			
PLUG DOWN		11/27/2007	2:26 AM				

CEMENT USED		CEMENT COMPANY- B. J.
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	300	Premlite II w/ 10% gel + 3 % KCL, 5#'s /sk CSE + 2# sk/kolseal + 1/2#'s/sk Cello Flake
		mixed @ 11.0 ppg W / 3.43 cf/sk yield
2	400	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.		

COMPANY REPRESENTATIVE Buster Iverson DATE 11/28/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
556 FSL 415 FWL
SWSW Section 21 T9S R17E

5. Lease Serial No.

USA UTU-13905

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

LONE TREE UNIT

8. Well Name and No.

LONE TREE FEDERAL 13-21-9-17

9. API Well No.

4301333283

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

I hereby certify that the foregoing is true and
correct (Printed/ Typed)

Mandie Crozier

Signature

Title

Regulatory Specialist

Date

12/27/2007

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or
certify that the applicant holds legal or equitable title to those rights in the subject lease
which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United
States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

DEC 28 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-13905

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL:

OIL WELL ☒

GAS WELL ☐

OTHER

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR:

Route 3 Box 3630

CITY Myton

STATE UT

ZIP 84052

PHONE NUMBER

435.646.3721

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 556 FSL 415 FWL

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

LONE TREE UNIT

8. WELL NAME and NUMBER:

LONE TREE FEDERAL 13-21-9-17

9. API NUMBER:

4301333283

10. FIELD AND POOL, OR WILDCAT:

MONUMENT BUTTE

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSW, 21, T9S, R17E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 12/22/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above mentioned well went on production 12/22/07. See attached daily activity report.

RECEIVED

JAN 18 2008

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Tammi Lee

TITLE Production Clerk

SIGNATURE

Tammi Lee

DATE 01/17/2008

(This space for State use only)

Daily Activity Report

Format For Sundry

LONETREE 13-21-9-17**10/1/2007 To 2/29/2008****12/8/2007 Day: 1****Completion**

Rigless on 12/7/2007 - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5503' & cement top @ 250'. Perforate stage #1. CP4 sds @ 5218-28' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 40 shots. 132 BWTR. SIFN.

12/14/2007 Day: 2**Completion**

Rigless on 12/13/2007 - RU BJ Services "Ram Head" frac flange. RU BJ & frac CP4 sds, stage #1 down casing w/ 14,829#'s of 20/40 sand in 282 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 2452 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 2171 @ ave rate of 22.4 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2117. 414 bbls EWTR. Leave pressure on well. RU BJ Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & 12' perf gun. Set plug @ 5150'. Perforate CP1 sds @ 5068-80' w/ 3-1/8" Slick Guns (23 gram, .43" HE, 90°) w/ 4 spf for total of 48 shots. RU BJ & frac stage #2 w/ 34,557#'s of 20/40 sand in 423 bbls of Lightning 17 frac fluid. Open well w/ 1875 psi on casing. Perfs broke down @ 3402 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 2277 @ ave rate of 22.2 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2417. 837 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 20' perf gun. Set plug @ 4900'. Perforate LODC sds @ 4738-4802' w/ 2 spf for total of 128 shots in 4 runs (mis fired), WLT broke down.. RU BJ & frac stage #3 w/ 250,980#'s of 20/40 sand in 1655 bbls of Lightning 17 frac fluid. Open well w/ 1555 psi on casing. Perfs broke down @ 3077 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 1887 @ ave rate of 22.5 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2277. 2492 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 13' perf gun. Set plug @ 4670'. Perforate A1 sds @ 4565-78' w/ 4 spf for total of 52 shots. SIFN.

12/15/2007 Day: 3**Completion**

Rigless on 12/14/2007 - Thaw well out. RU BJ & frac stage #4 w/ 60,133#'s of 20/40 sand in 495 bbls of Lightning 17 frac fluid. Open well w/ 702 psi on casing. Perfs broke down @ 2541 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 1680 @ ave rate of 22.1 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1595. 2987 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 11' perf gun. Set plug @ 4510'. Perforate B2 sds @ 4469-80' w/ 4 spf for total of 44 shots. Wait on sand. RU BJ & perfs won't break down. RIH & spot 10 gals of 15% HCL acid on perfs. RU BJ & frac stage #5 w/ 55,126#'s of 20/40 sand in 481 bbls of Lightning 17 frac fluid. Open well w/ 1073 psi on casing. Perfs broke down @ 3277 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 1452 @ ave rate of 22.3 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1895. 3468 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 7' perf gun. Set plug @ 4350'. Mis fire on setting plug. Perforate D1 sds @ 4243-50' w/ 4 spf for total of 28 shots. RU BJ & perfs won't break down. RIH & spot 10 gals of 15% HCL acid on perfs. RU BJ & frac stage #6 w/ 19,935#'s of 20/40 sand in 270 bbls of Lightning 17 frac fluid. Open well w/ 1030 psi on casing. Perfs broke down @ 2748 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 1790 @ ave rate of 22.2 bpm w/ 6.5 ppg of sand. ISIP was 1766. 3738 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 5 hours & died w/ 350 bbls rec'd. SIFN.

12/19/2007 Day: 4**Completion**

Western #4 on 12/18/2007 - MIRUSU. Thaw well out w/ hot oiler (broke down). Open well w/ 275 psi on casing (good gas). RD Cameron BOP's & frac head. Instal 3K production tbg head &

Schaefer BOP's. RU 4-3/4" Chomp bit & bit sub. Tally & pickup new J-55, 6.5#, 2-7/8" tbg of racks & TIH to tag plug @ 4350'. RU pump/lines & swivel. Drlg out plug #1. TIH w/ tbg to tag fill @ 4490'. C/O to plug @ 4510'. Drlg out plug #2. TIH w/ tbg to tag fill @ 4528'. SIFN.

12/20/2007 Day: 5

Completion

Western #4 on 12/19/2007 - Hot oiler thawed out BOP & WH. Continue circulating sand & drilling out plugs. Sand @ 4528', Plug @ 4670' (Drilled out in 18 mins). Sand @ 4723', Plug @ 4900' (Drilled out in 16 mins). Sand @ 5125', Plug @ 5150' (Drilled out 18 mins). Fill @ 5421', C/O to PBTD @ 5533'. RD Nabors power swivel. LD 2 jts of tbg. EOT @ 5468'. RU swab equipment. IFL @ surface. Made 18 runs, Rec 175 BTF. FFI @ 600', Trace of oil, No sand. RD swab equipment. Drain pump & lines. SIWFN w/ 3168 BWTR.

12/21/2007 Day: 6

Completion

Western #4 on 12/20/2007 - Hot oiler thawed out BOP & WH. 190 psi on tbg, 25 psi on csg. Pump 20 bbls of wtr down tbg. PU & TIH w/ tbg. Tagged fill @ 5525', C/O to PBTD @ 5533'. Circulate well clean. LD extra tbg. TOH w/ tbg. LD bit & bit sub. PU & RIH w/ tbg & BHA as follows: NC, 2-jts, SN, 2-jts, TA & 159 jts of 2 7/8 J-55 tbg. NU BOP. Set TA w/ 16,000#'s of tension @ 5183', SN @ 5251', EOT 5317'. NU WH. Flush tbg w/ 60 BW. PU & prime up rod pump. PU & RIH w/ rods. "CDI" 2 1/12" X 1 1/2" X 15 1/2' RHAC, 6- 1 1/2" wt bars, 150- 3/4" guided rods. Drain pump & lines. SIWFN w/ 3243 BWTR.

12/22/2007 Day: 7

Completion

Western #4 on 12/21/2007 - Hot oiler thawed out WH. 20 psi on tbg, 35 psi on csg. Continue PU & RIH w/ rod. Final rod detail as follows: "CDI" 2 1/12" X 1 1/2" X 15 1/2' RHAC, 6- 1 1/2" wt bars (B grade), 203- 3/4" guided rods(B grade), 1-2', 2-6', 1-8' X 3/4" ponies (A grade), 1 1/2" X 26' polish rod (A grade). Hang head, Space out rods. Tbg was full. Pressure test to 800 psi. Left well shut down due to froze up flowline. 3238 BWTR. Final report will follow. Thawed wellhead & PWOP @ 1:00pm 86" SL, 5 SPM. Final report.

Pertinent Files: [Go to File List](#)

(See other in-
structions on
reverse side)OMB NO. 1004-0137
Expires: February 28, 1995UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

OIL
WELL ☒GAS
WELL ☐DRY ☐

Other _____

1b. TYPE OF WELL

NEW
WELL ☒WORK
OVER ☐DEEPEN ☐PLUG
BACK ☐DIFF
RESVR. ☐

Other _____

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements *)

At Surface

556' FSL & 415 FWL SW/SW

At top prod. Interval reported below

At total depth

14 API NO

43-013-33283

DATE ISSUED

11/5/07

12 COUNTY OR PARISH

DUCESNE

13 STATE

UT

15 DATE SPUDD

11/9/07

16 DATE T D REACHED

11/25/07

17 DATE COMPL (Ready to prod.)

12/21/07

18 ELEVATIONS (DF, RKB RT, GR, ETC.)*

5329' GL 5401' KB

19 ELEV. CASINGHEAD

20 TOTAL DEPTH, MD & TVD

5600'

21 PLUG BACK T D, MD & TVD

5533'

22 IF MULTIPLE COMPL.

HOW MANY*

23 INTERVALS

DRILLED BY

----->

ROTARY TOOLS

X

CABLE TOOLS

24 PRODUCING INTERVAL(S) OF THIS COMPLETION- TOP, BOTTOM, NAME (MD AND TVD)*

GREEN RIVER 4243'-5228'

25 WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27 WAS WELL CORED

No

CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT LB/FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	312.17'	12 1/4	To surface w/ 160 sx of class "G" cement	
5-1/2" J-55	15.5#	5588.87'	7 7/8	300sx of Primlite II & 400sx of 50/50 poz	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5317.46'	TA @ 5182.89'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL

SIZE

SPF/NUMBER

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)

AMOUNT AND KIND OF MATERIAL USED

CP4 sds 5218'-5228'	.49"	4/40	5218'-5228'	Frac w/ 14,829#s of 20/40 sand in 282 bbls of fluid
CP1 sds 5068'-5080'	.49"	4/48	5068'-5080'	Frac w/ 34,557 #s of 20/40 sand in 423 bbls of fluid
LODC sds 4738'-4802'	.49"	2/128	4738'-4802'	Frac w/ 250,980 #s of 20/40 sand in 1655 bbls of fluid
A1 sds 4565'-4578'	.49"	4/52	4565'-4578'	Frac w/ 60,133 #s of 20/40 sand in 495 bbls of fluid
B2 sds 4469'-4480'	.49"	4/44	4469'-4480'	Frac w/ 55,126 #s of 20/40 sand in 481 bbls of fluid
D1 sds 4243'-4250'	.49"	4/28	4243'-4250'	Frac w/ 19,935 #s of 20/40 sand in 270 bbls of fluid

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing gas lift pumping--size and type of pump)				WELL STATUS (Producing or shut-in)	
12/21/07		2 1/2" x 1 1/2" x 15 1/2" RHAC plunger pump				PRODUCING	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL--BBL	GAS--MCF	WATER--BBL	GAS-OIL RATIO
10 day ave			----->	445	601	544	530
FLOW TUBING PRESS		CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL	GAS--MCF	WATER--BBL	OIL GRAVITY API (CORR.)
			----->				

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Used for Fuel

JAN 28 2008

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

DIV OF OIL, GAS & MINING

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Tammi Lee

TITLE

Production Technician

DATE

1/24/2008

TL

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Federal 13-21-9-17	Garden Gulch Mkr	3235'	
				Garden Gulch 1	3428'	
				Garden Gulch 2	3536'	
				Point 3 Mkr	3788'	
				X Mkr	4031'	
				Y-Mkr	4064'	
				Douglas Creek Mkr	4187'	
				BiCarbonate Mkr	4400'	
				B Limestone Mkr	4499'	
				Castle Peak	4991'	
				Basal Carbonate	5445'	
				Wasatch	5580'	
				Total Depth (Loggers)	5603	

NEWFIELD



Well Name: Lone Tree 13-21-9-17

LOCATION: S21, T9S, R17E

COUNTY/STATE: Duchesne

API: 43-013-33283

Spud Date: 11-09-07

TD: 5600'

CSG: 11-26-07

POP: 12-21-07

DATE	HRS	Oil (bbls)	Water (bbls)	Recovered Water (bbls)	Gas (mcf)	Casing Pressure (psi)	SPM	Comments
12/21/2007				3243				POP @ 1:00 P.M. w/ 86" SL @ 5 SPM. 3243 Total water to recover.
12/22/2007	24	0	17	3226	0	0	3	Sped up to 5 SPM, needs sales line.
12/23/2007	24	0	129	3097	0	0	5 1/2	
12/24/2007	24	0	80	3017	0	0	5	
12/25/2007	24	0	80	2937	0	0	5	
12/26/2007	24	0	110	2827	0	0	5	
12/27/2007	8	0	6	2821	0	0	0	Down - no fuel gas
12/28/2007	0	0	0	2821	0	0	0	Down - Surface equipment failure
12/29/2007	24	0	100	2721	0	0	5	
12/30/2007	24	0	121	2600	0	40	5 1/2	
12/31/2007	24	0	105	2495	0	25	5	
1/1/2008	24	0	92	2403	0	80	5	
1/2/2008	24	0	89	2314	0	80	5	
1/3/2008	24	0	85	2229	0	80	5	
1/4/2008	24	69	64	2165	19	35	5	60 bls water in T1
1/5/2008	24	3	100	2065	25	38	5	
1/6/2008	24	31	52	2013	29	35	5	
1/7/2008	24	31	61	1952	2	60	5	
1/8/2008	24	28	55	1897	9	30	5	
1/9/2008	24	86	3	1894	0	40	5	
1/10/2008	24	0	43	1851	52	45	5 1/2	Transferred 120 bbls off location
1/11/2008	24	33	48	1803	47	45	5	
1/12/2008	24	38	53	1750	44	45	5	
1/13/2008	24	33	54	1696	47	50	5	
1/14/2008	24	33	57	1639	48	45	5	
1/15/2008	24	38	47	1592	46	50	5	
1/16/2008	24	37	43	1549	42	70	5	
1/17/2008	24	37	48	1501	45	60	5	
1/18/2008	24	37	30	1471	51	60	5	
1/19/2008	24	108	27	1444	77	60	5	
1/20/2008	24	28	96	1348	77	50	5	115 bbls from T2- to RNI
1/21/2008	24	23	41	1307	77	40	5	FINAL
		693	1936		737			

69688



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8**

**1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>**

SEP 13 2010

Ref: 8P-W-GW

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

Mr. Eric Sundberg
Regulatory Analyst
Newfield Production Company
1001 Seventeenth Street – Suite 2000
Denver, CO 80202

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RE: Underground Injection Control (UIC)
Additional Well Authorization
Lone Tree Area Permit
EPA UIC Permit UT20853-08870
Well: Lone Tree Federal 13-21-9-17
SWSW Sec. 21 T9S-R17E
Duchesne County, Utah
API No.: 43-013-33283

Dear Mr. Sundberg:

The Environmental Protection Agency (EPA), Region 8, hereby authorizes Newfield Production Company (Newfield) to convert the oil well Lone Tree Federal 13-21-9-17 to an enhanced recovery injection well according to the terms and conditions of the enclosed Authorization for Additional Well. The addition of this injection well, within the exterior boundary of the Uintah & Ouray Indian Reservation, is being made under the authority of 40 CFR §144.33 (c) and terms of the Lone Tree Area Permit UT20853-00000 and subsequent modifications.

Please be aware that Newfield does not have authorization to begin well injection until all Prior to Commencing Injection requirements are met and written authorization to inject is given by the Director. Prior to receiving authorization to inject, Newfield must submit for review and approval (1) the results of a Part I (internal) Mechanical Integrity test, (2) a pore pressure calculation of the injection interval, and (3) a completed EPA Form No. 7520-12 (Well Rework Record) with a new schematic diagram.

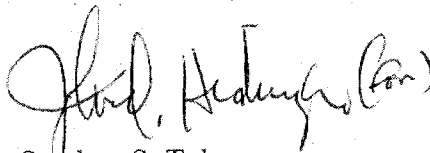
RECEIVED

SEP 22 2010

DIV. OF OIL, GAS & MINING

If you have any questions, please call Tom Aalto at (303) 312-6949 or 1-(800)-227-8917 (Ext. 312-6949). Please submit the required data to Jason Deardorff at the letterhead address citing mail code 8P-W-GW.

Sincerely,



Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

Enclosures: Authorization for Additional Well
EPA-Annotated Wellbore and P&A Diagrams

cc Letter Only:

Uintah & Ouray Business Committee:
Curtis Cesspooch, Chairman
Stewart Pike, Councilman
Irene Cuch, Councilwoman
Phillip Chimburas, Councilman
Frances Poowegup, Vice-Chairwoman
Richard Jenks, Councilman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

cc All Enclosures:

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

Manual Myore
Director of Energy & Minerals Dept.
Ute Indian Tribe

Gil Hunt
Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Michael Guinn
District Manager
Newfield Production Company
Myton, Utah



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8

1595 WYNKOOP STREET

DENVER, CO 80202-1129

Phone 800-227-8917

<http://www.epa.gov/region08>

AUTHORIZATION FOR ADDITIONAL WELL

UIC Area Permit UT20853-00000

The Lone Tree Final Underground Injection Control (UIC) Area Permit UT20853-00000, effective September 1, 1998, authorizes injection for the purpose of enhanced oil recovery in the Lone Tree Unit. On July 26, 2010, Newfield Production Company notified the Director concerning the following additional enhanced recovery injection well:

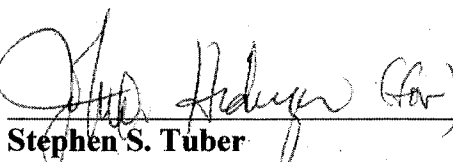
Well Name:	Lone Tree Federal 13-21-9-17
EPA Permit ID Number:	UT20853-08870
Location:	556' FSL & 415' FWL SWSW Sec. 21 T9S-R17E Duchesne County, Utah API #43-013-33283

Pursuant to 40 CFR §144.33, Area UIC Permit UT20853-00000 authorizes the permittee to construct and operate, convert, or plug and abandon additional enhanced recovery injection wells within the area permit. This well was determined to satisfy additional well criteria required by the permit.

This well is subject to all provisions of UIC Area Permit UT20853-00000, as modified and as specified in the Injection Well-Specific Requirements detailed below. This Authorization shall expire one year after the Effective Date unless the permittee has converted the well to injection or submits a written request to extend this Authorization prior to the expiration date.

This Authorization is effective upon signature.

Date: 9/13/10



Stephen S. Tuber

*Assistant Regional Administrator

Office of Partnerships and Regulatory Assistance

** The person holding this title is referred to as the Director throughout the permit and Authorization*

INJECTION WELL-SPECIFIC REQUIREMENTS

Well Name: **Lone Tree Federal 13-21-9-17**

EPA Well ID Number: **UT20853-08870**

Prior to Commencing Injection Operations, the permittee shall submit the following information:

1. Completed Well Rework Record (EPA Form No. 7520-12) and schematic diagram;
2. Pore pressure calculation of the proposed injection zone; and
3. Results from a successful part I (internal) Mechanical Integrity test.

Once these records are received and approved by EPA, the Director will provide written authorization to inject.

Note: All depths given in this authorization reference the Kelly Bushing datum unless otherwise specified.

Approved Injection Zone: The approved injection zone for this well is from the top of Green River Formation, Garden Gulch 2 Member, to the top of the Wasatch Formation. The approved injection zone depth interval for this well is: 3,535 ft. – 5,580 ft.

Maximum Allowable Injection Pressure (MAIP): The initial MAIP for this well is **1,315** psig. The initial MAIP is based on the following calculation:

$$\text{MAIP} = [\text{FG} - (0.433)(\text{SG})] * \text{D}, \text{ where}$$
$$\text{FG} = 0.75 \text{ psi/ft.} \quad \text{SG} = 1.015 \quad \text{D} = 4,243 \text{ ft. (top perforation depth)}$$
$$\text{Initial MAIP} = 1,315 \text{ psig}$$

FG = Fracture Gradient SG = Specific Gravity of Injectate (Maximum)

The UIC Area Permit provides the opportunity for the permittee to request a change of the initial MAIP based upon the submitted results of a step rate test that demonstrates the formation parting pressure.

Well Construction: Casing and Cementing: The well was constructed in compliance with existing regulatory controls for casing and cementing pursuant to 40 CFR § 146.22(c). Cementing records, including the Cement Bond Log (CBL), have satisfactorily demonstrated the presence of adequate Cement Bond Index (CBI) cement to prevent the migration of injection fluids behind the casing from the injection zone. An EPA-annotated wellbore diagram is attached.

Well Construction: Tubing and Packer: 2-7/8" or similar size injection tubing is approved. The packer shall be set at a depth no more than 100 ft. above the top perforation.

Demonstration of Mechanical Integrity:

- (1) A successful demonstration of Part I (internal) mechanical integrity using a Casing-Tubing Annulus Pressure Test is required prior to injection, and no less than every five years after the last successful test.
- (2) EPA reviewed the cementing records and determined that there is adequate 80% Cement Bond Index (CBI) cement in the well in the Confining Zone (Shale "B"). Therefore, no further demonstration of Part II (external) Mechanical Integrity is required.

Demonstration of Financial Responsibility: At the time of issuance of this Authorization for Additional Well UIC Permit, the Environmental Protection Agency Region 8 (EPA) has identified deficiencies in Newfield Production Company's (Newfield) Financial Statement submitted on June 10, 2010, as a demonstration of the company's ability to plug and abandon all Newfield injection wells permitted by EPA. EPA's Office of Enforcement, Compliance and Environmental Justice (ECEJ) is taking action to correct any deficiencies. EPA's Office of Partnerships and Regulatory Assistance (OPRA), the division responsible for issuing all UIC permits, has determined that these deficiencies in Financial Responsibility do not represent an imminent endangerment to underground sources of drinking water in the Monument Butte Field and that the issuance of UIC permits to Newfield should continue while ECEJ works with Newfield to correct any deficiencies. In the event that Newfield is unable to return to full compliance on Financial Responsibility within a reasonable period of time, OPRA may stop the issuance of new UIC permits to Newfield until Newfield fully demonstrates Financial Responsibility for all Newfield injection wells currently operating under EPA UIC permits.

Plugging and Abandonment: The well shall be plugged in a manner that isolates the injection zone and prevents movement of fluids into or between Underground Sources of Drinking Water (USDW). Tubing, packers, and any downhole apparatus shall be removed. Class A, C, G, and H cements, with additives such as accelerators and retarders that control or enhance cement properties, may be used for plugs; however, volume extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.2 lb/gal shall be placed between all plugs. A minimum 50 ft. surface plug shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. Within sixty (60) days after plugging the owner or operator shall submit Plugging Record (EPA Form 7520-13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. At a minimum, the following plugs are required:

- Plug No. 1:** Set a cast iron bridge plug (CIBP) 50 ft. above the top injection zone perforations (at the time of this authorization, the top perforation is at 4,243 ft.). Set 100 ft. cement plug on top of the CIBP.

- Plug No. 2: Perforate and squeeze cement up the backside of the 5-1/2" casing across the Trona /Bird's Nest interval and the Mahogany Bench oil shale in a 170-foot cement plug from 2,411 ft. to 2,581 ft. unless pre-existing backside cement precludes cement-squeezing this interval. Set a 170-foot cement plug inside the 5-1/2" casing from 2,411 ft. to 2,581 ft.
- Plug No. 3: Perforate and squeeze cement up the backside of the 5-1/2" casing across the contact between the Uinta Formation and Green River Formation at 1,116 ft., in a 120-foot cement plug from 1,056 ft. to 1,176 ft., unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 120-foot cement plug inside the 5-1/2" casing from 1,056 ft. to 1,176 ft.
- Plug No. 4: Perforate 5-1/2" casing at 362 ft. and squeeze cement up the 5-1/2"x 8-5/8" casing annulus to the surface, unless pre-existing backside cement precludes cement-squeezing this interval. Set a cement plug within the 5-1/2" casing from a depth of 362 ft. to the surface.

An EPA-annotated wellbore Plugging and Abandonment Plan diagram is attached.

INJECTION WELL-SPECIFIC CONSIDERATIONS

Well Name: **Lone Tree Federal 13-21-9-17**

EPA Well ID Number: **UT20853-08870**

Underground Sources of Drinking Water (USDWs): USDWs in the Greater Boundary Unit generally occur within the Uinta Formation. According to "*Base of Moderately Saline Ground Water in the Uinta Basin, Utah, State of Utah Technical Publication No. 92,*" the base of moderately saline ground water may be found at approximately 901 ft. in this well.

Utah Division of Water Rights Information: According to the state website, <http://utstnrwrt6.waterrights.utah.gov/cgi-bin/wrplat.exe>, there are no known reservoirs, streams, domestic or agricultural water wells within one-quarter (1/4) mile of the well.

Composition of Source, Formation, and Injectate Water: The Total Dissolved Solids (TDS) content of water produced from the injection zone in the Green River Formation was determined to be 22,093 mg/l on February 19, 2010. Due to nearby injection activities of relatively fresh water for the purpose of enhanced oil recovery, this TDS value is likely not be representative of the original TDS content of formation waters at or near this well.

The TDS content of injectate was determined to be 10,446 mg/l on January 5, 2010. The planned injectate is water from the Newfield Injection Facility and consists of culinary water from the Green River supply line or the Johnson Water District supply line blended with produced Green River Formation water.

Aquifer Exemption: The TDS of water samples from the proposed injection formation is greater than 10,000 mg/l. Therefore, an aquifer exemption is not required for this proposed injection well.

Confining Zone: The UIC Area Permit established Areal Confining Zone (ACZ) (also known as the Administrative Confining Zone) directly overlies the Garden Gulch Member of the Green River Formation. However, an alternative confining zone beneath the ACZ has also been identified and approved by EPA. The alternative confining zone is referred to as Shale "B".

Shale "B": 3,460 ft. to 3,535 ft. Shale "B" is approximately 75 ft. in thickness. There is 80 percent Cement Bond Index cement across the interval 3,508 ft. to 3,528 ft. in Shale "B". Also, the Permittee proposed in the permit application that the base of Shale "B" (top of the Garden Gulch 2) be used as the bottom of the confining zone (and top of proposed injection zone) instead of the base of the ACZ. EPA is in agreement with that proposal as it represents a more conservative approach in this case. Therefore, EPA has determined that Shale "B" is the alternate confining zone for this well.

Injection Zone: The injection zone for this well is in the Green River Formation from the top of Garden Gulch 2 (base of Shale "B") at 3,535 ft., to the top of the Wasatch Formation at an estimated depth of approximately 5,580 ft. Due to the change in the designated confining zone, the injection zone has been limited to an interval from the base of Shale "B", at a depth of

3,535 ft. (top of Garden Gulch 2) to the top of the Wasatch Formation, at an estimated depth of approximately 5,580 ft. The Permittee proposed in the permit application that the injection zone (interval) be lowered to the top of the Garden Gulch #2 (the base of Shale "B"). EPA is in agreement with that proposal as it represents a more conservative approach in this case. The injection zone at this well location consists of approximately 2,045 ft. of multiple lenticular sand units interbedded with shale, marlstone and limestone from the base of Formation tops are either submitted by the operator or are based on correlations to the Newfield Monument Butte Type Log.

Well Construction: The Cement Bond Log (CBL) for this well shows 80% or greater Cement Bond Index (CBI) cement across a 20-foot interval in the confining zone (Shale "B"). EPA Region 8 guidance calls for at least 18-feet of 80 % CBI cement through the confining zone. Therefore, no further demonstration that well cement is adequate to prevent significant migration of injection fluids behind casing is being required.

Surface Casing: 8-5/8" casing is set at 312 ft. in a 12-1/4" hole, using 160 sacks of Class "G" Cement, cemented to the surface.

Longstring Casing: 5-1/2" casing is set at 5,589 ft. in a 7-7/8" hole secured with 300 sacks of Prem. Lite II cement and 400 sacks of 50/50 POZ cement. Plugged back total depth is 5,501 ft. Cement Bond Log (CBL) shows Top of Cement (TOC) is at 250 ft.

Perforations: Top perforation: 4,223 ft. Bottom perforation: 5,258 ft.

Additional information concerning the well may be found on the state website:
<http://oilgas.ogm.utah.gov/>

Basis for Initial MAIP Calculation: The initial MAIP was calculated by EPA using the following input values for the fracture gradient and injectate specific gravity:

Fracture Gradient: A fracture gradient value of 0.75 psi/ft. was selected by EPA because it is the most conservative fracture gradient for other nearby wells.

Specific Gravity: An injectate specific gravity value of 1.015 was selected by EPA because this value is the maximum expected specific gravity of injectate for this well.

Well Plugging and Abandonment: As discussed in the EPA Region 8 guidance, wells should be plugged and abandoned in a manner to prevent migration of fluids in the wellbore into or between USDWs. The four (4) cement plugs required for this well are as follows:

Plug No. 1 is required to prevent migration of fluids out of the injection zone. It is believed that there are no USDWs below Plug No. 1.

Plug No. 2 is required because the interval of the Green River Formation, containing the Bird's Nest and Trona Members, is reported to contain USDWs in places in the Uinta Basin, and the Mahogany Bench Member is an oil shale resource that is also being protected under U.S. Bureau of Land Management (BLM) requirements.

Plug No. 3 is required across the Uinta Formation/Green River Formation contact to prevent flow between USDWs.

Plug No. 4 is required to prevent fluids from migrating from the surface or from below into shallow USDWs.

AREA OF REVIEW (AOR) WELL REQUIREMENTS

The following two (2) AOR wells that penetrate the area confining zone within or proximate to a one-quarter (1/4) mile radius around the Lone Tree Federal 13-21-9-17 well were evaluated to determine if any corrective action is necessary to prevent fluid movement into USDWs:

<u>AOR Well</u>	<u>API Number</u>	<u>Location</u>
Federal 4-28-9-17	43-013-33688	NWNW Sec. 28 T9S R17E
Federal 16-20-9-17	43-013-33235	SESE Sec. 20 T9S R17E

No Corrective Action Required for the AOR Wells

As discussed below, no corrective action is being required for the two (2) AOR wells because the wells are shown to have adequate cement across the Shale "B" confining zone to prevent fluid migration in the wellbores. These points are discussed briefly below for each AOR well:

Federal 4-28-9-17: The well is a producing oil well. The CBL shows TOC at 154 ft. There is 80 % CBI cement in Shale "B" in the interval 3,448 ft. to 3,522 ft.

Federal 16-20-9-17: The well is a producing oil well. The CBL shows TOC at 56 ft. There is 80 % CBI cement in Shale "B" in the interval 3,514 ft. to 3,540 ft.

REPORTING REQUIREMENTS

Reporting of Noncompliance:

- (a) **Anticipated Noncompliance.** The operator shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

- (b) Compliance Schedules. Reports of compliance or noncompliance with, or any progress on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted to EPA for review no later than 30 days following each schedule date.
- (c) Written Notice of any noncompliance which may endanger health or the environment shall be reported to the Director within five days of the time the operator becomes aware of the noncompliance. The written notice shall contain a description of the noncompliance and its cause, the period of noncompliance including dates and times, if the noncompliance has not been corrected the anticipated time it is expected to continue, and steps taken or planned to prevent or reduce recurrence of the noncompliance.

Twenty-Four Hour Noncompliance Reporting: The operator shall report to the Director any noncompliance which may endanger health or environment. Information shall be provided, either orally or by leaving a message, within twenty-four (24) hours from the time the operator becomes aware of the circumstances by telephoning 1-(800)-227-8917 and asking for the EPA Region 8 UIC Program Compliance and Enforcement Director, or by contacting the Region 8 Emergency Operations Center at (303)-293-1788, if calling from outside EPA Region 8. The following information shall be included in the verbal report:

- (a) Any monitoring or other information which indicates that any contaminant may cause an endangerment to an underground source of drinking water.
- (b) Any noncompliance with a Permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

Oil Spill and Chemical Release Reporting: The operator shall comply with all other reporting requirements related to oil spills and chemical releases or other potential impacts to human health or the environment by contacting the **National Response Center (NRC)** at: **1-(800)-424-8802 or 1-(202)-267-2675**, or through the NRC website at: <http://www.nrc.uscg.mil/index.htm>

Other Noncompliance: The operator shall report all other instances of noncompliance not otherwise reported at the time monitoring reports are submitted.

Other Information: Where the operator becomes aware that he failed to submit any relevant facts in the Permit application, or submitted incorrect information in a Permit application, or in any report to the Director, the operator shall submit such correct facts or information within two weeks of the time such information became known.

UT20853-08870

LONE TREE FED. 13-21-9-17

Tom Aalto
EPA RegSpud Date 11/09/07
Put on Production: 12/21/07
GL: 5389' KB: 5401'Proposed Injection
Wellbore DiagramInitial Production: BOPD,
MCFD, BWPDSURFACE CASINGCSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (300.32')
DEPTH LANDED: 312.17' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 1- 160, sxs Class "G" cmt, est 6 bbls cmt to surf.PRODUCTION CASINGCSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 144 jts. (5575.62')
DEPTH LANDED: 5588.87' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP: 250'TUBINGSIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 159 jts (5170.9')
TUBING ANCHOR: 5182.9' KB
NO. OF JOINTS: 2 jts (65.10')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5250.8' KB
NO. OF JOINTS: 1 jts (32.6')
TOTAL STRING LENGTH: EOT @ 5389' KBConfining
Zone
80% CBI
Cement
3,508' - 3,528'
(Shaded area)* USDW base estimated
using State of Utah
Technical Publication No. 92MB = Mahogany Bench
GG = Garden GulchFRAC JOB

12/13/07 5218-5228' Frac CP4 sands as follows:
14829# 20/40 sand in 282 bbls Lightning 17
frac fluid. Treated @ avg press of 2171 psi
w/avg rate of 22.4 BPM. ISIP 2117 psi.

12/13/07 5068-5080' Frac CP1 sands as follows:
34557# 20/40 sand in 423 bbl Lightning 17
frac fluid. Treated @ avg press of 2277 psi
w/avg rate of 22.2 BPM. ISIP 2417 psi.

12/13/07 4738-4802' Frac LODC sands as follows:
250980# 20/40 sand in 1655 bbl Lightning 17
frac fluid. Treated @ avg press of 1887 psi
w/avg rate of 22.5 BPM. ISIP 2277 psi.

12/14/07 4565-4578' Frac A1 sands as follows:
60133# 20/40 sand in 495 bbls Lightning 17
frac fluid. Treated @ avg press of 1680 psi
w/avg rate of 22.1 BPM. ISIP 1595 psi.

12/14/07 4469-4480' Frac B2 sands as follows:
55126# 20/40 sand in 481 bbls Lightning 17
frac fluid. Treated @ avg press of 1452 psi
w/avg rate of 22.3 BPM. ISIP 1895 psi.

11/11/08 Frac D1 sands as follows:
19935# 20/40 sand in 270 bbls Lightning 17
frac fluid. Treated @ avg press of 1790 psi
w/avg rate of 22.2 BPM. ISIP 1766 psi.

10/20/09 Pump Change. Updated rod & tubing details.

1/14/2010 Parted rods. Updated rod & tubing details.
Workover. Updated rod and tubing detail.

901' USDW Base*
(est.)

1,116' Green River
Fm.

2,461' Trona

2,500' MB Top

2,531' MB Base

3,234' GG Mkr

3,460' Shale "B"

3,508'

3,528'

3,535' Garden Gulch 2

4,187' Douglas Creek

Packer @ 4193'

4243-4250'

4469-4480'

4565-4578'

4738-4802'

5068-5080'

5218-5228'

5,446' Basal Carbonate

PBTD @ 5533'

5,580' Wasatch Fm.

SHOE @ 5589'

TD @ 5600'

PERFORATION RECORD

5218-5228'	4 JSPF	40 holes
5068-5080'	4 JSPF	48 holes
4738-4802'	4 JSPF	128 holes
4565-4578'	4 JSPF	52 holes
4469-4480'	4 JSPF	44 holes
4243-4250'	4 JSPF	28 holes

NEWFIELD

LONE TREE FED 13-21-9-17

556' FSL & 415' FWL

SW/SW Section 21-T9S-R17E

Duchesne Co, Utah

API #43-013-33283; Lease # UTU-13905

UT20853-08870

LONE TREE FED. 13-21-9-17

Tom Agallo
EPA ~~1509~~

Spud Date 11/09/07
Put on Production: 12/21/07

GL:5389' KB:5401'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (300.32')

DEPTH LANDED: 312.17' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 1- 160, sxs Class "G" cmt, est 6 bbls cmt to surf.

Proposed P & A Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

Cement Top @ 250'

Casing Shoe @ 312'

Pump 42 sx Class "G" Cement down 5-1/2" casing to 362'

Plug 4

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 144 jts. (5575.62')

DEPTH LANDED: 5588.87' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.

CEMENT TOP: 250'

Plug 3

120' balance plug using 14 sx Class "G" cement 60'
above Uinta/Green River and extending 60' below
(1056'-1176')

Plug 2

170' balance plug using 20 sx Class "G" cement 50'
above Trona-Bird's Nest extending 50' below base of
Mahogany Oil Shale (2411'- 2581')

Plug 1

100' (12 sx) Class G Cement plug on top of CIBP

CIBP @ 4193'
4243-4250'

4469-4480'

4565-4578'

4738-4802'

5068-5080'

5218-5228'

PBTD @ 5533'

SHOE @ 5589'

TD @ 5600'

NEWFIELD

LONE TREE FED 13-21-9-17

556' FSL & 415' FWL

SW/SW Section 21-T9S-R17E

Duchesne Co, Utah

API #43-013-33283; Lease # UTU-13905

JL 6/10/10

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-13905
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: LONE TREE FED 13-21-9-17
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0556 FSL 0415 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 21 Township: 09.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013332830000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/10/2013	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The subject well has been converted from a producing oil well to an injection well on 12/09/2013. Initial MIT on the above listed well. On 12/10/2013 the casing was pressured up to 1345 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10183		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto		PHONE NUMBER 435 646-4874
SIGNATURE N/A		TITLE Water Services Technician
DATE 12/17/2013		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 18, 2013

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 12 / 10 / 13Test conducted by: Rocky CURRY

Others present: _____

-1083

Well Name: <u>LONE TREE FEDERAL 13-21-9-17</u>		Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>GREATER MONUMENT BUTTE</u>			
Location: <u>SW/SW</u>	Sec: <u>21</u>	T <u>9</u> N <u>0</u> R <u>17</u> E/W	County: <u>DUCHESNE</u> State: <u>UT</u>
Operator: <u>NEWFIELD EXPLORATION</u>			
Last MIT: <u> / / </u>		Maximum Allowable Pressure: _____ PSIG	

Is this a regularly scheduled test? ☐ Yes ☒ No
 Initial test for permit? ☒ Yes ☐ No
 Test after well rework? ☐ Yes ☒ No
 Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0/0 psig

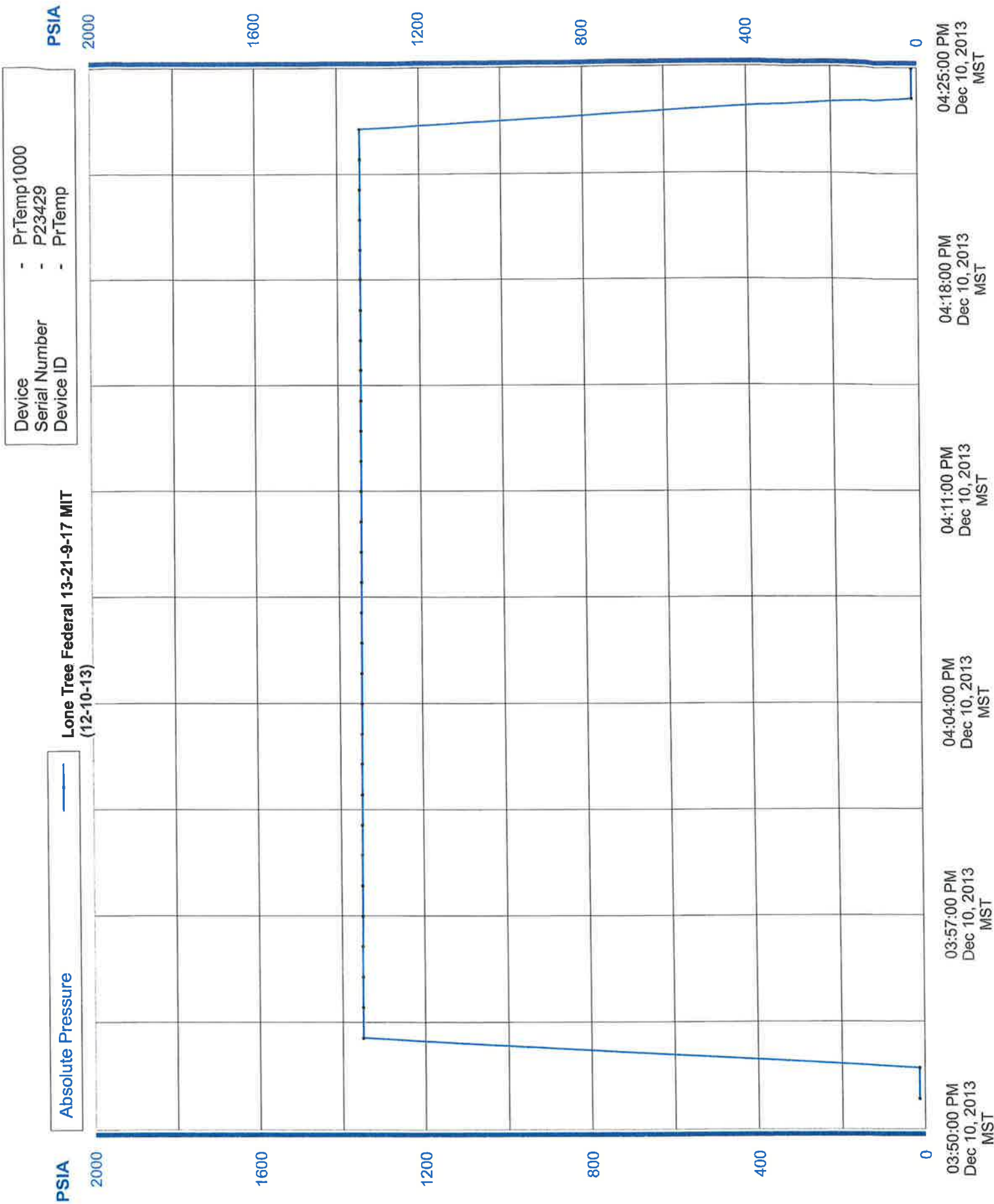
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>0</u> psig	psig	psig
End of test pressure	<u>0</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1351</u> psig	psig	psig
5 minutes	<u>1349</u> psig	psig	psig
10 minutes	<u>1348</u> psig	psig	psig
15 minutes	<u>1346</u> psig	psig	psig
20 minutes	<u>1345</u> psig	psig	psig
25 minutes	<u>1344</u> psig	psig	psig
30 minutes	<u>1345</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



Daily Activity Report**Format For Sundry****LONETREE 13-21-9-17****10/1/2013 To 2/28/2014****12/6/2013 Day: 2****Conversion**

WWS #9 on 12/6/2013 - lay down rod string ND well head NU bops RD floor reslease TAC w/ tbg tongs - 13:00PM road rig from the fed 10-11-9-17 to the LTF 13-21-9-17 rig up pump 60bbbls down csg @250f 16:00pm PU unseat rod pump flush tbg w/ 30bbbls @250f 16:45pm reseal pump fill tbg w/ 10bbbls test tbg to 3000psi good pull up unseat pump LD 2 rods PU pol rod SWIFN 18:00PM TO 19:00PM crew travel - 13:00PM road rig from the fed 10-11-9-17 to the LTF 13-21-9-17 rig up pump 60bbbls down csg @250f 16:00pm PU unseat rod pump flush tbg w/ 30bbbls @250f 16:45pm reseal pump fill tbg w/ 10bbbls test tbg to 3000psi good pull up unseat pump LD 2 rods PU pol rod SWIFN 18:00PM TO 19:00PM crew travel - 6AM TO 7AM crew travel and safety mtg 7am lay down rod string 60-7/8 4pers 8 where bad 139-3/4 4pers 31 where bad 6 wt bars pump 10:00am ND well head mix H2S scavenger w/ 30bbbls pump down well 11:20am NU bops RD floor reslease TAC w/ tbg tongs 12:20 TOOH breaking collars and tallying 10 jnts out TAC hung up 13:15pm try working up and down and turning w/ tongs 13:40pm rig up hotoiler pump 35bbbls down tbg cont. work tbg 14:30pm came free cont. TOOH 96 jnts total SWIFN 17:00PM TO 18:00PM crew travel - 6AM TO 7AM crew travel and safety mtg 7am lay down rod string 60-7/8 4pers 8 where bad 139-3/4 4pers 31 where bad 6 wt bars pump 10:00am ND well head mix H2S scavenger w/ 30bbbls pump down well 11:20am NU bops RD floor reslease TAC w/ tbg tongs 12:20 TOOH breaking collars and tallying 10 jnts out TAC hung up 13:15pm try working up and down and turning w/ tongs 13:40pm rig up hotoiler pump 35bbbls down tbg cont. work tbg 14:30pm came free cont. TOOH 96 jnts total SWIFN 17:00PM TO 18:00PM crew travel - 13:00PM road rig from the fed 10-11-9-17 to the LTF 13-21-9-17 rig up pump 60bbbls down csg @250f 16:00pm PU unseat rod pump flush tbg w/ 30bbbls @250f 16:45pm reseal pump fill tbg w/ 10bbbls test tbg to 3000psi good pull up unseat pump LD 2 rods PU pol rod SWIFN 18:00PM TO 19:00PM crew travel - 6AM TO 7AM crew travel and safety mtg 7am lay down rod string 60-7/8 4pers 8 where bad 139-3/4 4pers 31 where bad 6 wt bars pump 10:00am ND well head mix H2S scavenger w/ 30bbbls pump down well 11:20am NU bops RD floor reslease TAC w/ tbg tongs 12:20 TOOH breaking collars and tallying 10 jnts out TAC hung up 13:15pm try working up and down and turning w/ tongs 13:40pm rig up hotoiler pump 35bbbls down tbg cont. work tbg 14:30pm came free cont. TOOH 96 jnts total SWIFN 17:00PM TO 18:00PM crew travel - 13:00PM road rig from the fed 10-11-9-17 to the LTF 13-21-9-17 rig up pump 60bbbls down csg @250f 16:00pm PU unseat rod pump flush tbg w/ 30bbbls @250f 16:45pm reseal pump fill tbg w/ 10bbbls test tbg to 3000psi good pull up unseat pump LD 2 rods PU pol rod SWIFN 18:00PM TO 19:00PM crew travel - 6AM TO 7AM crew travel and safety mtg 7am lay down rod string 60-7/8 4pers 8 where bad 139-3/4 4pers 31 where bad 6 wt bars pump 10:00am ND well head mix H2S scavenger w/ 30bbbls pump down well 11:20am NU bops RD floor reslease TAC w/ tbg tongs 12:20 TOOH breaking collars and tallying 10 jnts out TAC hung up 13:15pm try working up and down and turning w/ tongs 13:40pm rig up hotoiler pump 35bbbls down tbg cont. work tbg 14:30pm came free cont. TOOH 96 jnts total SWIFN 17:00PM TO 18:00PM crew travel - 13:00PM road rig from the fed 10-11-9-17 to the LTF 13-21-9-17 rig up pump 60bbbls down csg @250f 16:00pm PU unseat rod pump flush tbg w/ 30bbbls @250f 16:45pm reseal pump fill tbg w/ 10bbbls test tbg to 3000psi good pull up unseat pump LD 2 rods PU pol rod SWIFN 18:00PM TO 19:00PM crew travel - 6AM TO 7AM crew travel and safety mtg 7am lay down rod string 60-7/8 4pers 8 where bad 139-3/4 4pers 31 where bad 6 wt bars pump 10:00am ND well head mix H2S scavenger w/ 30bbbls pump down well 11:20am NU bops RD floor reslease TAC w/ tbg tongs 12:20 TOOH breaking collars and

Summary Rig Activity

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Daily Cost: \$0

Cumulative Cost: \$21,793

12/9/2013 Day: 3

Conversion

WWS #9 on 12/9/2013 - TOOH w/ tbg breaking collars128 total TIH w/ pkr assembly 128 jnts - 6AM TO 7AM crew traveland safety mtg 7am cont. TOOH w/ tbg breaking collars128 total 10:00am LD extra tbg on trailer 34 jnts 11:00am TIH w/ pkr assembly 128 jnts 2 7/8 j-55 tbg 12:00 pump 5bbls down tbg drop SV fill tbg w/ 25bbls pres up to 3000psi watch 30mins lost 220psi watch another 30mins lost 100psi pres back up 3000psi watch 30mins good 14:35pm bleed off pres RU sandline RIH retrieve sv POOH 15:10pm ND bops pump 65bbls w/ pkr fluid PU set pkr @ 4187' pumped 40bbl ran out of wtr SWIFN 16:00PM TO 17:00PM CREW TRAVEL - 6AM TO 7AM crew traveland safety mtg 7am cont. TOOH w/ tbg breaking collars128 total 10:00am LD extra tbg on trailer 34 jnts 11:00am TIH w/ pkr assembly 128 jnts 2 7/8 j-55 tbg 12:00 pump 5bbls down tbg drop SV fill tbg w/ 25bbls pres up to 3000psi watch 30mins lost 220psi watch another 30mins lost 100psi pres back up 3000psi watch 30mins good 14:35pm bleed off pres RU sandline RIH retrieve sv POOH 15:10pm ND bops pump 65bbls w/ pkr fluid PU set pkr @ 4187' pumped 40bbl ran out of wtr SWIFN 16:00PM TO 17:00PM CREW TRAVEL - 6AM TO 7AM crew traveland safety mtg 7am cont. TOOH w/ tbg breaking collars128 total 10:00am LD extra tbg on trailer 34 jnts 11:00am TIH w/ pkr assembly 128 jnts 2 7/8 j-55 tbg 12:00 pump 5bbls down tbg drop SV fill tbg w/ 25bbls pres up to 3000psi watch 30mins lost 220psi watch another 30mins lost 100psi pres back up 3000psi watch 30mins good 14:35pm bleed off pres RU sandline RIH retrieve sv POOH 15:10pm ND bops pump 65bbls w/ pkr fluid PU set pkr @ 4187' pumped 40bbl ran out of wtr SWIFN 16:00PM TO 17:00PM CREW TRAVEL - 6AM TO 7AM crew traveland safety mtg 7am cont. TOOH w/ tbg breaking collars128 total 10:00am LD extra tbg on trailer 34 jnts 11:00am TIH w/ pkr assembly 128 jnts 2 7/8 j-55 tbg 12:00 pump 5bbls down tbg drop SV fill tbg w/ 25bbls pres up to 3000psi watch 30mins lost 220psi watch another 30mins lost 100psi pres back up 3000psi watch 30mins good 14:35pm bleed off pres RU sandline RIH retrieve sv POOH 15:10pm ND bops pump 65bbls w/ pkr fluid PU set pkr @ 4187' pumped 40bbl ran out of wtr SWIFN 16:00PM TO 17:00PM CREW TRAVEL - 6AM TO 7AM crew traveland safety mtg 7am cont. TOOH w/ tbg breaking collars128 total 10:00am LD extra tbg on trailer 34 jnts 11:00am TIH w/ pkr assembly 128 jnts 2 7/8 j-55 tbg 12:00 pump 5bbls down tbg drop SV fill tbg w/ 25bbls pres up to 3000psi watch 30mins lost 220psi watch another 30mins lost 100psi pres back up 3000psi watch 30mins good 14:35pm bleed off pres RU sandline RIH retrieve sv POOH 15:10pm ND bops pump 65bbls w/ pkr fluid PU set pkr @ 4187' pumped 40bbl ran out of wtr SWIFN 16:00PM TO 17:00PM CREW TRAVEL - 6AM TO 7AM crew traveland safety mtg 7am cont. TOOH w/ tbg breaking collars128 total 10:00am LD extra tbg on trailer 34 jnts 11:00am TIH w/ pkr assembly 128 jnts 2 7/8 j-55 tbg 12:00 pump 5bbls down tbg drop SV fill tbg w/ 25bbls pres up to 3000psi watch 30mins lost 220psi watch another 30mins lost 100psi pres back up 3000psi watch 30mins good 14:35pm bleed off pres RU sandline RIH retrieve sv POOH 15:10pm ND bops pump 65bbls w/ pkr fluid

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PU set pkr @ 4187' pumped 40bbl ran out of wtr SWIFN 16:00PM TO 17:00PM CREW TRAVEL

Finalized

Daily Cost: \$0

Cumulative Cost: \$28,066

12/10/2013 Day: 4

Conversion

WWS #9 on 12/10/2013 - wait on fresh wtr to fill csg 10:00am fill csg w/ 5bbbls pres up csg to 3000psi bleed off pres. watch 30 more mins no loss test good RDMO road over to the 16-30-8-17 - 6AM TO 7AM crew travel and safety mtg 7am wait on fresh wtr to fill csg 10:00am fill csg w/ 5bbbls pres up csg to 3000psi bleed off pres. wtr is leaking out where the well head screws on to the 5 1/2 csg PU on tbg tighten well head NU well head again 12:00 pres csg back up to 1500psi lost 20psi in 30mins watch another 30mins lost another 20psi bleed off to -0 pres back up 1500psi 13:40pm to 14:10pm lost 80psi watch another 30mins no loss watch 30 more mins no loss test good 15:30pm RDMO road over to the 16-30-8-17 spot rig in 17:00pm to 18:00pm crew travel - 6AM TO 7AM crew travel and safety mtg 7am wait on fresh wtr to fill csg 10:00am fill csg w/ 5bbbls pres up csg to 3000psi bleed off pres. wtr is leaking out where the well head screws on to the 5 1/2 csg PU on tbg tighten well head NU well head again 12:00 pres csg back up to 1500psi lost 20psi in 30mins watch another 30mins lost another 20psi bleed off to -0 pres back up 1500psi 13:40pm to 14:10pm lost 80psi watch another 30mins no loss watch 30 more mins no loss test good 15:30pm RDMO road over to the 16-30-8-17 spot rig in 17:00pm to 18:00pm crew travel - 6AM TO 7AM crew travel and safety mtg 7am wait on fresh wtr to fill csg 10:00am fill csg w/ 5bbbls pres up csg to 3000psi bleed off pres. wtr is leaking out where the well head screws on to the 5 1/2 csg PU on tbg tighten well head NU well head again 12:00 pres csg back up to 1500psi lost 20psi in 30mins watch another 30mins lost another 20psi bleed off to -0 pres back up 1500psi 13:40pm to 14:10pm lost 80psi watch another 30mins no loss watch 30 more mins no loss test good 15:30pm RDMO road over to the 16-30-8-17 spot rig in 17:00pm to 18:00pm crew travel - 6AM TO 7AM crew travel and safety mtg 7am wait on fresh wtr to fill csg 10:00am fill csg w/ 5bbbls pres up csg to 3000psi bleed off pres. wtr is leaking out where the well head screws on to the 5 1/2 csg PU on tbg tighten well head NU well head again 12:00 pres csg back up to 1500psi lost 20psi in 30mins watch another 30mins lost another 20psi bleed off to -0 pres back up 1500psi 13:40pm to 14:10pm lost 80psi watch another 30mins no loss watch 30 more mins no loss test good 15:30pm RDMO road over to the 16-30-8-17 spot rig in 17:00pm to 18:00pm crew travel - 6AM TO 7AM crew travel and safety mtg 7am wait on fresh wtr to fill csg 10:00am fill csg w/ 5bbbls pres up csg to 3000psi bleed off pres. wtr is leaking out where the well head screws on to the 5 1/2 csg PU on tbg tighten well

Cumulative Cost: \$34,689

Conversion

Rigless on 12/12/2013 - Conduct initial MIT - Initial MIT on the above listed well. On 12/10/2013 the casing was pressured up to 1345 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10183 - Initial MIT on the above listed well. On 12/10/2013 the casing was pressured up to 1345 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10183 - Initial MIT on the above listed well. On 12/10/2013 the casing was pressured up to 1345 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10183 - Initial MIT on the above listed well. On 12/10/2013 the casing was pressured up to 1345 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10183 - Initial MIT on the above listed well. On 12/10/2013 the casing was pressured up to 1345 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10183 - Initial MIT on the above listed well. On 12/10/2013 the casing was pressured up to 1345 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10183 - Initial MIT on the above listed well. On 12/10/2013 the casing was pressured up to 1345 psig and charted for 30 minutes with no

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Daily Cost: \$0

Cumulative Cost: \$66,901

Pertinent Files: Go to File List

Spud Date 11/09/07

Put on Production: 12/21/07

GL: 5389' KB: 5401'

LONE TREE FED 13-21-9-17

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (300.32')

DEPTH LANDED: 312.17' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 1- 160, sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 144 jts. (5575.62')

DEPTH LANDED: 5588.87' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.

CEMENT TOP: 250'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 128 jts (4032')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4044' KB

ON/OFF TOOL AT: 4045.1'

ARROW #1 PACKER CE AT: 4050.3'

XO 2-3/8 x 2-7/8 J-55 AT: 4054'

TBG PUP 2-3/8 J-55 AT: 4054.5'

X/N NIPPLE AT: 4058.6'

TOTAL STRING LENGTH: EOT @ 4060.75'

FRAC JOB

12/13/07 5218-5228'

Frac CP4 sands as follows:

14829# 20/40 sand in 282 bbls Lightning 17 frac fluid. Treated @ avg press of 2171 psi w/avg rate of 22.4 BPM. ISIP 2117 psi.

12/13/07 5068-5080'

Frac CP1 sands as follows:

34557# 20/40 sand in 423 bbl Lightning 17 frac fluid. Treated @ avg press of 2277 psi w/avg rate of 22.2 BPM. ISIP 2417 psi.

12/13/07 4738-4802'

Frac LODC sands as follows:

250980# 20/40 sand in 1655 bbl Lightning 17 frac fluid. Treated @ avg press of 1887 psi w/avg rate of 22.5 BPM. ISIP 2277 psi.

12/14/07 4565-4578'

Frac A1 sands as follows:

60133# 20/40 sand in 495 bbls Lightning 17 frac fluid. Treated @ avg press of 1680 psi w/avg rate of 22.1 BPM. ISIP 1595 psi.

12/14/07 4469-4480'

Frac B2 sands as follows:

55126# 20/40 sand in 481 bbls Lightning 17 frac fluid. Treated @ avg press of 1452 psi w/avg rate of 22.3 BPM. ISIP 1895 psi.

12/14/07 4243-4250'

Frac D1 sands as follows:

19935# 20/40 sand in 270 bbls Lightning 17 frac fluid. Treated @ avg press of 1790 psi w/avg rate of 22.2 BPM. ISIP 1766 psi.

11/11/08

Pump Change. Updated rod & tubing details.

10/20/09

Parted rods. Updated rod & tubing details.

1/14/2010

Workover. Updated rod and tubing detail.

7/2/2010

Pump change. Updated rod and tubing detail.

12/09/13

Convert to Injection Well

12/10/13

Conversion MIT Finalized – update tbg detail

SN @ 4044'

On Off Tool @ 4045'

Packer @ 4050'

X/N Nipple @ 4059'

EOT @ 4061'

4243-4250'

4469-4480'

4565-4578'

4738-4802'

5068-5080'

5218-5228'

PBTD @ 5533'

TD @ 5600'

PERFORATION RECORD

5218-5228'	4 JSPF	40 holes
5068-5080'	4 JSPF	48 holes
4738-4802'	4 JSPF	128 holes
4565-4578'	4 JSPF	52 holes
4469-4480'	4 JSPF	44 holes
4243-4250'	4 JSPF	28 holes

NEWFIELD

LONE TREE FED 13-21-9-17

556' FSL & 415' FWL

SW/SW Section 21-T9S-R17E

Duchesne Co, Utah

API #43-013-33283; Lease # UTU-13905

LCN 12/16/13

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-13905
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: LONE TREE FED 13-21-9-17
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0556 FSL 0415 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 21 Township: 09.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013332830000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/16/2014	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> The above reference well was put on injection at 12:00 PM on 01/16/2014. EPA # UT22197-10183 </div> <div style="width: 35%; text-align: center;"> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY February 03, 2014 </div> </div>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 1/30/2014	